

# FACADE MOULDINGS



*Gaudi*

FOR FACADE DECORATION  
OF YOUR HOUSE



# FACADE MOULDINGS

*Gaudí*



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## THE ART OF PRODUCTION

Gaudi is a leading manufacturer of polyurethane foam products in Europe. The company has an extensive technical and scientific base and a multidisciplinary team of highly qualified experts. Vast experience, advanced technologies, and innovative equipment enable the company to deliver excellent products to customers and thus, to capture a major share in the market.



## Gaudi road to Success

The history of the Gaudi trademark started over 15 years ago, with the production of elastic slab-stock (for furniture production) and elastic cast (finished soft parts for furniture) polyurethane foam. Meanwhile, related sectors providing incoming material quality control, laboratories carrying out product output parameters, monitoring and the production zones for components and casting forms for soft cast elements manufacture, were developed. As a result, a large Production Department was created. It performs such tasks as both conducting independent research and effective cooperation with the research laboratories of the largest manufacturers of raw materials and equipment (Dow Chemical, Bayer, BASF, CANNON, KRAUSMAFFEI, SIEMENS, ABB). All the production facilities of the company have been developed due to this cooperation, on the basis of the technical design specifications of the Gaudi specialists, and are truly unique. Our dynamically developing production structure has enabled us to master production of hard cast products and architectural decoration elements in the shortest time, and to take one of the leading positions in this market, increasing turnover every year. Today, the plant producing the architectural decoration elements under the Gaudi trademark is the largest plant manufacturing such products in Europe, and it is one of the largest ones in the world. It has representative offices in more than 60 cities in Russia, Belarus, Ukraine, Kazakhstan, Azerbaijan and Moldova. Each representative office has a warehouse for products, making it possible to deliver the required goods to the client "right here, right now". Every month Gaudi launches new items to expand its product range. Gaudi specialists, together with an architect and a professor of Moscow University of Architecture Boris Sukharev, have created a collection of facade decoration elements based on classical Greek orders. The main principle of the company is the effective combination of financial, human and technical resources for manufacturing diverse polyurethane foam products. The Gaudi concept is meeting demands of consumers who want to purchase high quality domestic products.

## Gaudi – Technological Development

The quality of a finished product largely depends on the casting form. Production of such forms is a serious problem for many manufacturers. After almost fourteen years of work, the company specialists have developed a unique technology that enables them to produce casting forms of any configuration. A small facility for the forms' production has turned into a workshop, manufacturing between 30 and 40 forms every month for all cast products made of polyurethane foam (soft parts of furniture, architectural decoration elements).

An occurring problem faced in the production of cast polyurethane foam products is connected with the raw materials usage. As experience shows, procurement of outsourcing components leads to unpredictable results: a change of shrinkage degree of the architectural decoration elements, a change of the soft cast elements rigidity, etc. However, the majority of manufacturers have to purchase components for a variety of reasons, and therefore the quality of the manufactured products suffers. Gaudi solved this problem by creating its own production facilities for components manufacture. Experimental products are made from components produced here, their physical and mechanical characteristics are measured (shrinkage, density, surface rigidity) and the compounding is changed if necessary. This procedure guarantees that the customer will receive products distinguished by the highest quality. At the present time, production facilities for manufacturing of components have also become a workshop, which provides raw materials to all branches of polyurethane foam products manufacturing.

From the day of its foundation, the company has focused on achieving superior quality, dependability and maximum efficiency. Striving to excel in all areas of strategic importance to the company, continuous innovation and applying of groundbreaking, often exclusive technologies, enable Gaudi to remain it's leadership in the market and to compete successfully with recognized global companies.

## THE ART OF TECHNOLOGY

Production of the architectural decoration elements is a complicated and high-technology process. Historically, architectural decoration elements were made of gypsum, the main advantage of which was the possibility to obtain products of any configuration. With the development of science, new technologies for manufacturing of such products appeared. Architectural decoration elements made of polyurethane foam are the most similar to those made of gypsum.

High density polyurethane foam are absolutely inert and do not interact with the environment. Due to their properties, they are widely used in different spheres, including medicine – such as bone implants. The density of all Gaudi products is 300 kg/m<sup>3</sup>. This is the minimum density at which their production does not require the use of hydrochlorofluorocarbon. In order to obtain lower density products, it is required to use hydrochlorofluorocarbon, which is preserved in the products and also penetrates the room atmosphere in the operating process. Gaudi takes care of its consumers' health and deliberately increases the prime cost of its products (manufacturing of products distinguished by high density), refusing technology that involves applying of dangerous hydrochlorofluorocarbon. Besides, the high density provides lower shrinkage and greater rigidity of the products. It is possible to divide the manufacturing process of the decoration elements of polyurethane foam into several stages.

### Manufacturing of Casting Forms for Products

This is one of the crucial stages of the whole production process, as the appearance of the products depends on the casting forms. In contrast to the gypsum technologies, polyurethane foam not only hardens, but also significantly expands, filling all the internal space of the form, while its walls are also under high pressure. Therefore, it is possible to obtain a product that is identical to the form. The form must be very firm. On the other hand, form rigidity results in restriction of possible configurations of the products. The component must be extracted from the solid form and it must not damage it. Many manufacturers face a problem at this stage

because they can not cast products with non-standard configurations and complicated patterns. In this case, Gaudi produces forms from carbon; it is a modern material that has a higher density compared to metal. This technology appeared as a result of conversion of military-industrial complex technologies, and it enables the production of extremely solid forms of almost any configuration. Such equipment can survive not less than 50000 casting procedures and provides high reproducibility: cast components practically do not differ from each other. High cost is its only drawback. Not all manufacturers of polyurethane foam products can reproduce the form production from composite materials. The technology of carbon form production is an exclusive development of Gaudi. If the product configuration is rather simple, the form is produced from a piece of metal using special multi-axis boring machines.

### Preparation of the Raw Materials

Production of polyurethane foam is a complicated process and nevertheless, there are many unexplored facts related to it. For example, the same raw materials can have different results when different types of equipment are used. It is known that one batch of raw materials can slightly differ from another. Sometimes the difference is not significant, but often such differences cause considerable changes in the properties of the finished products. Our laboratory of component production enables us to avoid such problems. Gaudi laboratory's specialists provide incoming control of all raw materials used for production of components, and on the basis of its results, the Production Department corrects its compounding.

## Production of Decoration elements

Gaudi uses the most modern equipment of leading global companies for manufacturing its products: CANNON, KRAUSMAFFEI, SIEMENS, ABB. Firstly, it enables us to automate the process of component mixing and dosing; each machine unit is equipped with a powerful computer with programs for each product casting, which excludes negative influence of the human factor. Secondly, all machine units are equipped with modern devices that enable us to provide precise dosing of the components and to support that proportion for a long period of time. The architectural decoration elements differ from each other by weight, size and configuration. Special equipment and settings of the production process organization are required for some of the components. For example, a high capacity dispensing machine is required for casting of large and elongated parts, such as columns, but the machines distinguished by low capacity and high dosing accuracy are required for casting of the decoration elements. In order to achieve the highest quality of the products, there are 4 casting zones at the Gaudi plant that provide optimal conditions for the production of various components.

## Final product touches

Overall dimensions of the components upon casting differ from one another but all Gaudi products are compatible with the rest. The high level of compatibility of the components with each other upon casting is achieved by means of additional precision processing. Profiles of two similar components match each other precisely, and if a part of any size is cut from any product part, the

profiles of two remaining parts will also match each other precisely. Gaudi technicians take into account inertness of polyurethane foam. If no special measures are taken, it won't be possible to glue and paint the finished material (glue and paint will not penetrate; the glue does not dissolve the surface layer). During the mechanical processing a surface that is specially prepared for gluing is created on the inner side. Before the products are painted they are covered with a special polyurethane foam coating that is distinguished by its good adhesion to polyurethane foam products, and paint spreads well on their surface.

## Quality Control

At all stages of the production process, independent full outgoing and incoming quality control is conducted.

*Gaudi constantly improves its polyurethane foam production technologies, discovering innovative solutions, and offering its customers products, quality and consumer properties of which compare favorably to products represented in the catalogues of other companies.*



## **entablements**

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cornices	10
friezes	58
architraves	70

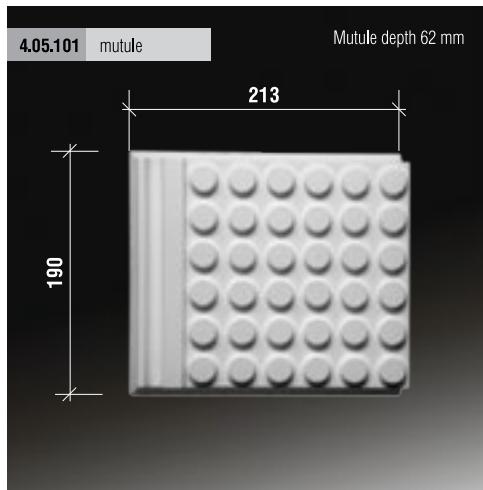
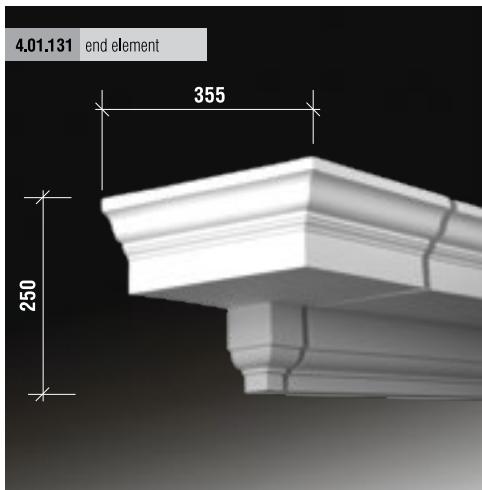
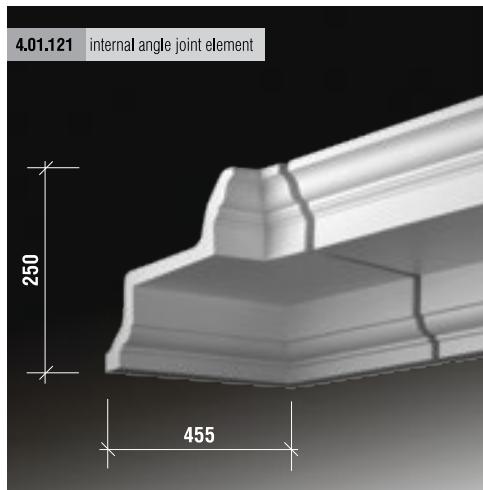
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4.01.101 cornice

cornice length 2 meters  
combined with Mutule 4.05.101



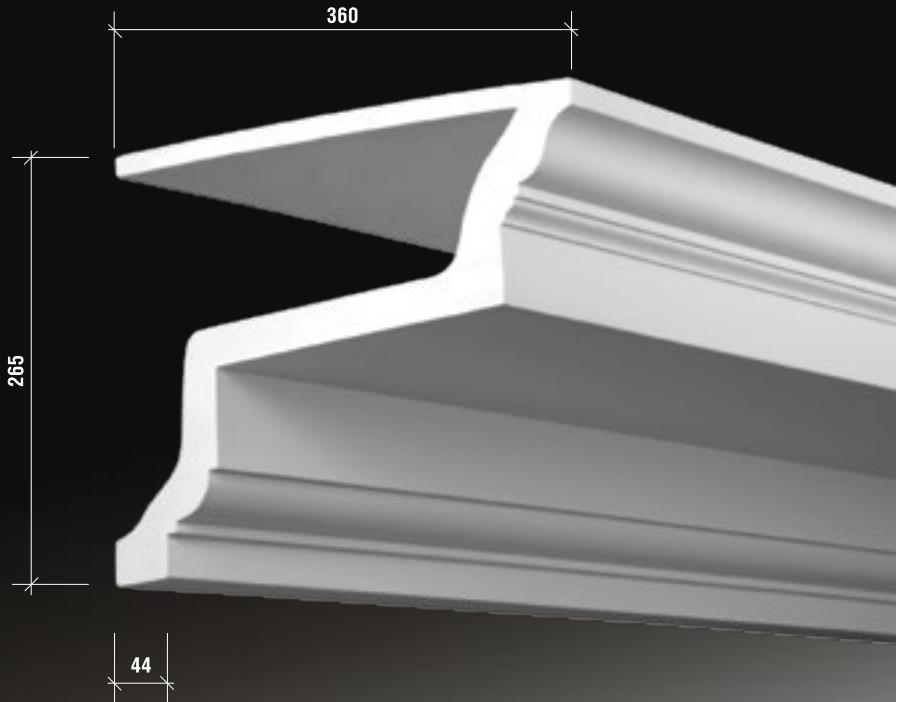
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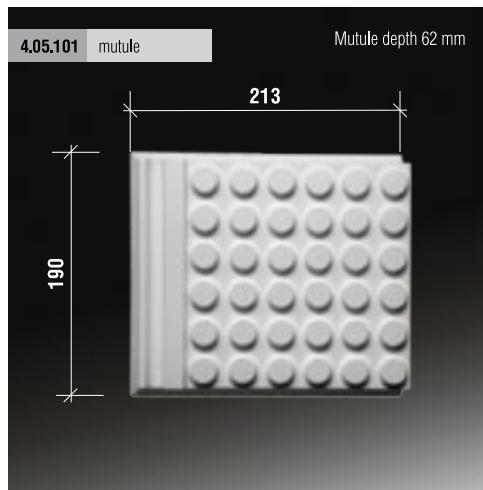
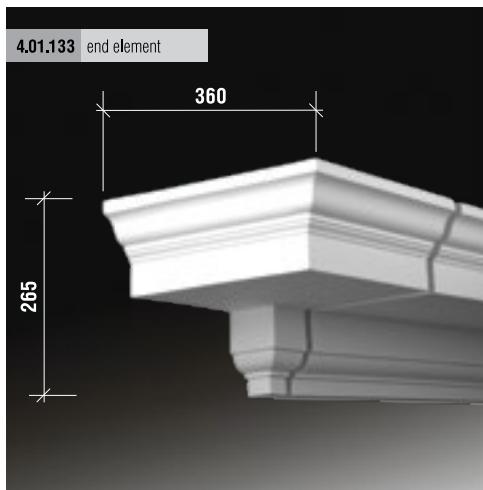
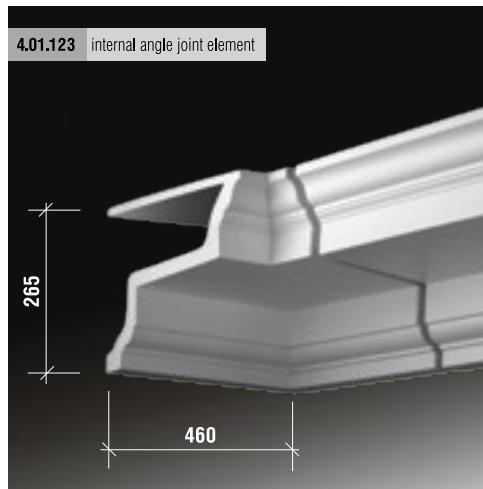
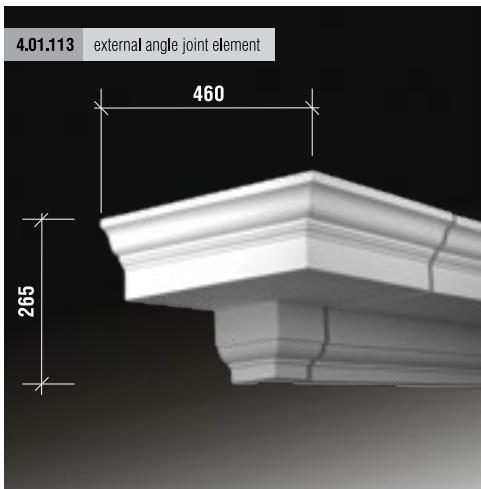
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4.01.103 cornice

cornice length 2 meters  
combined with Mutule 4.05.101



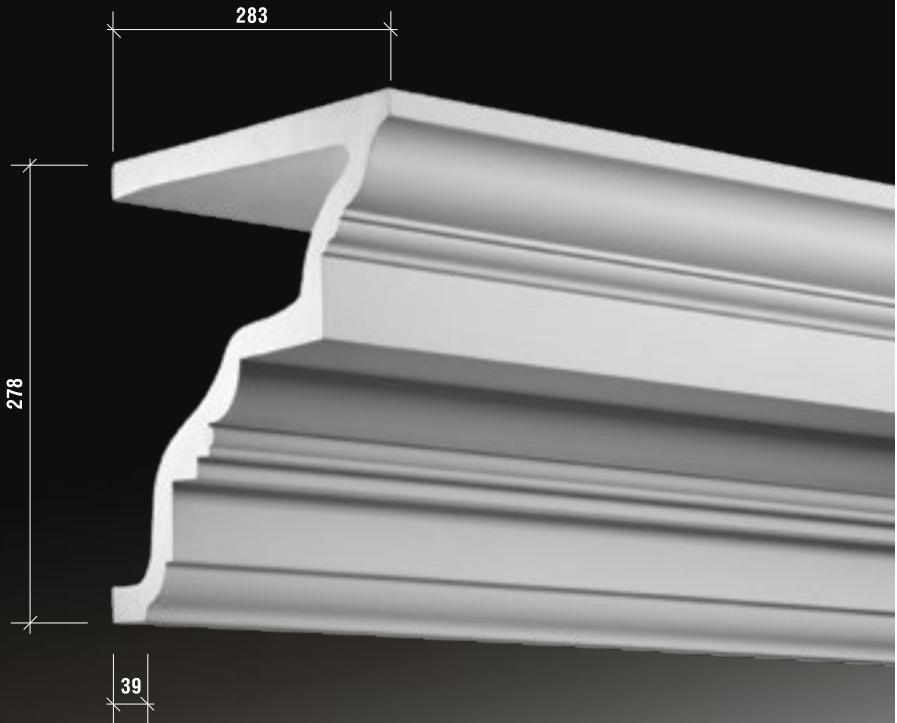
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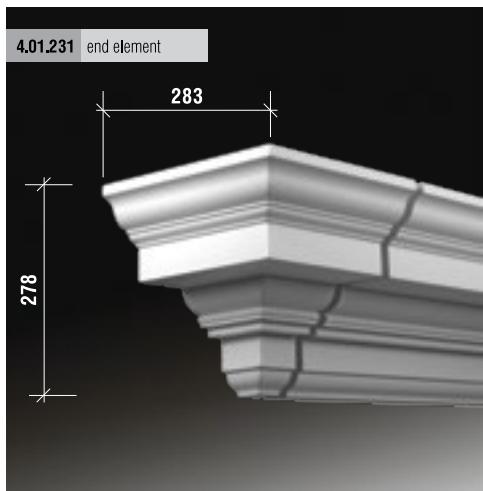
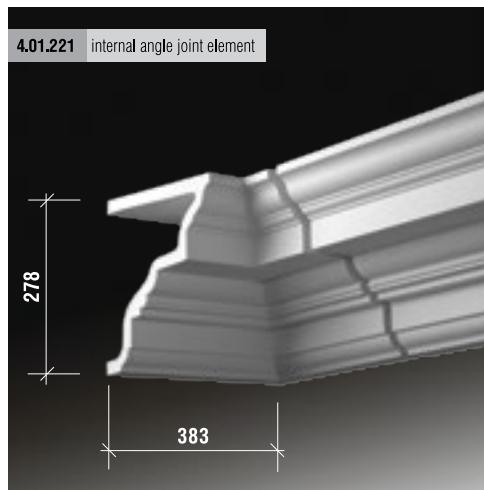
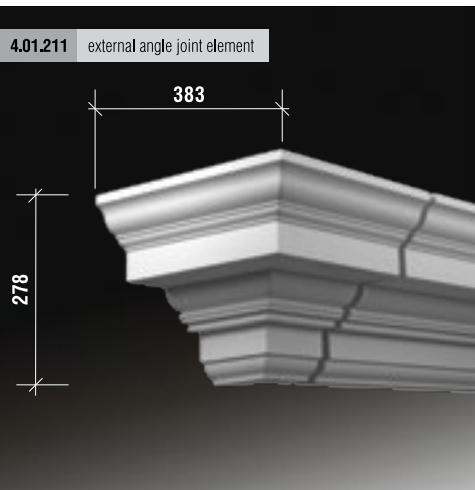
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4.01.201 cornice

cornice length 2 meters



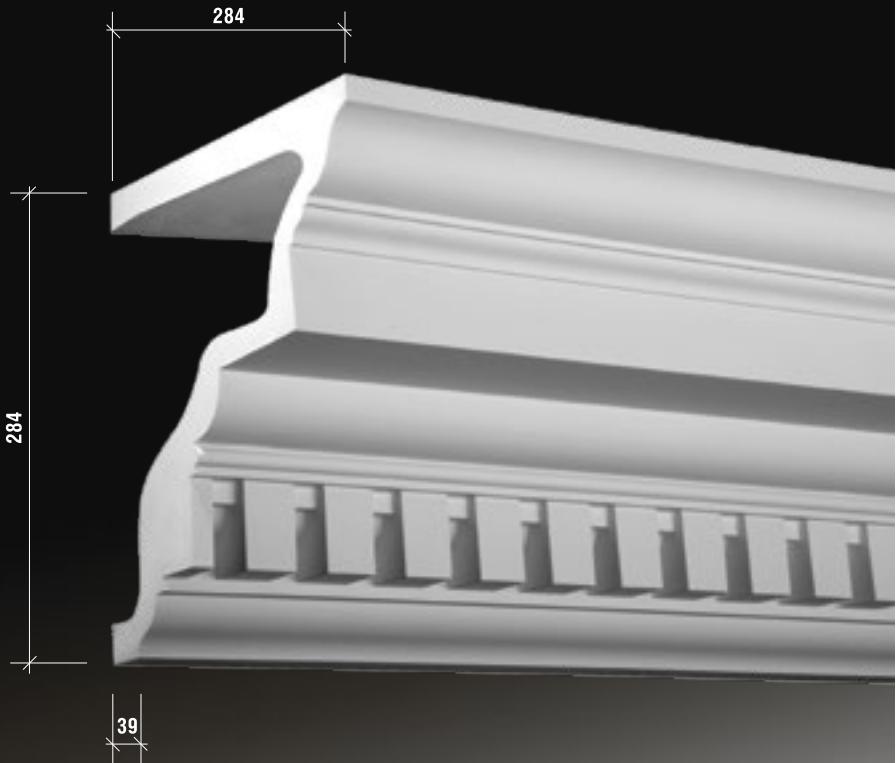
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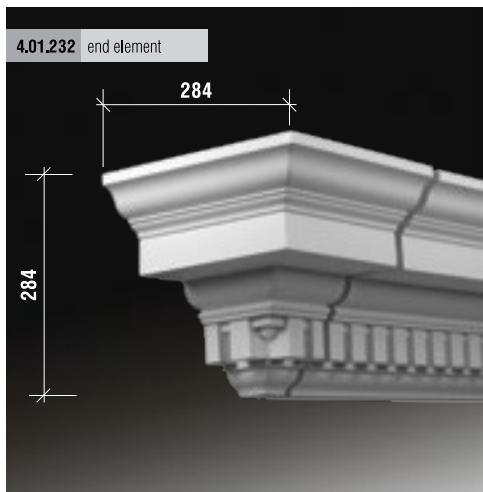
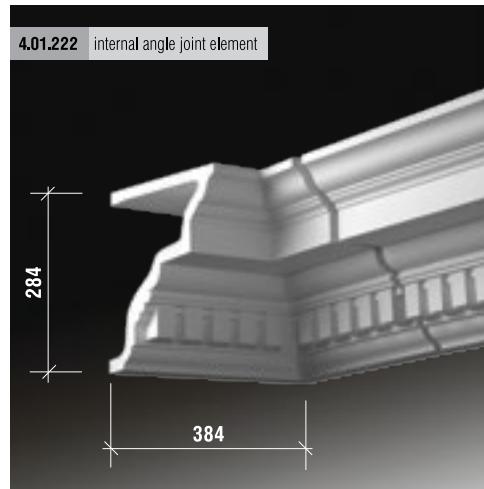
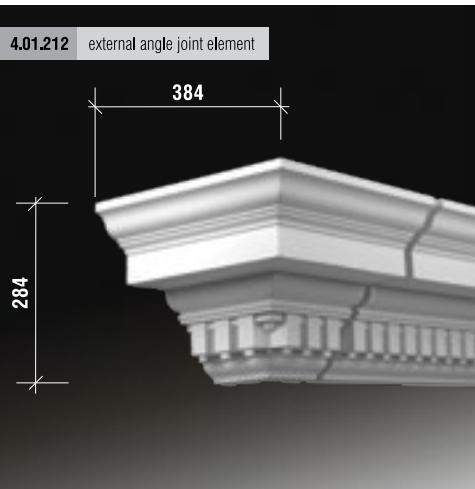
## **cornices**

**4.01.202** cornice

cornice length 2 meters



dimensions in millimeters



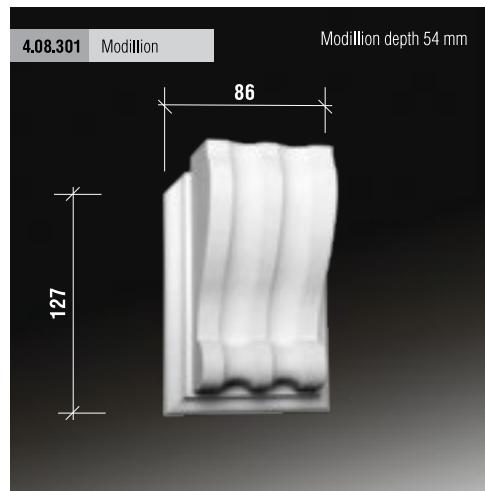
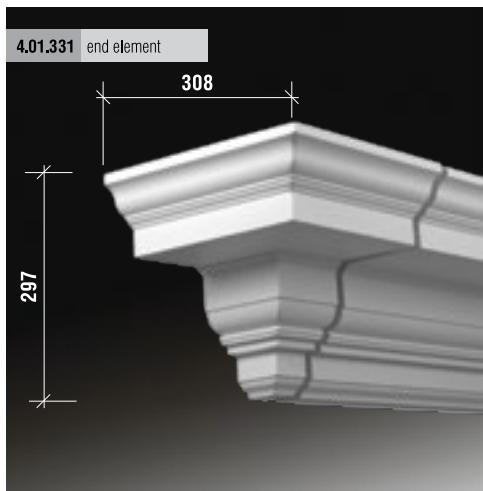
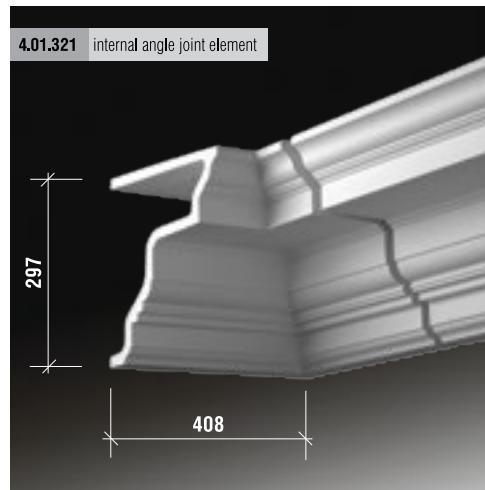
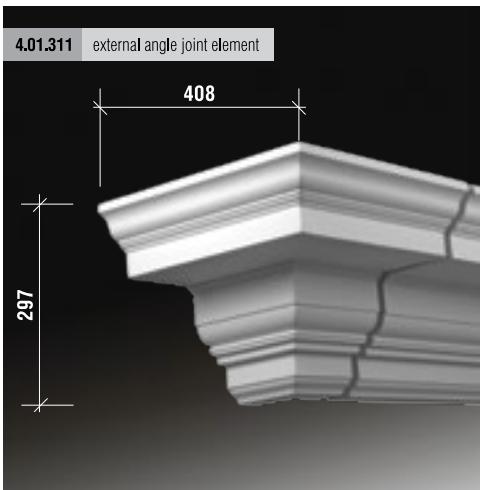
## cornices

4.01.301 cornice

cornice length 2 meters  
combined with Modillion 4.08.301



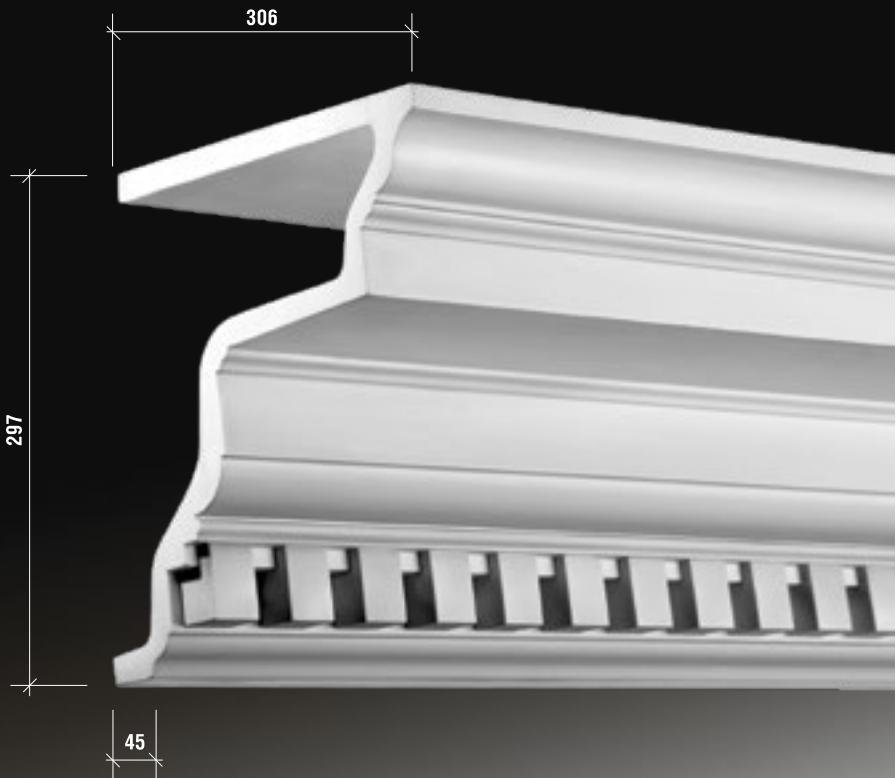
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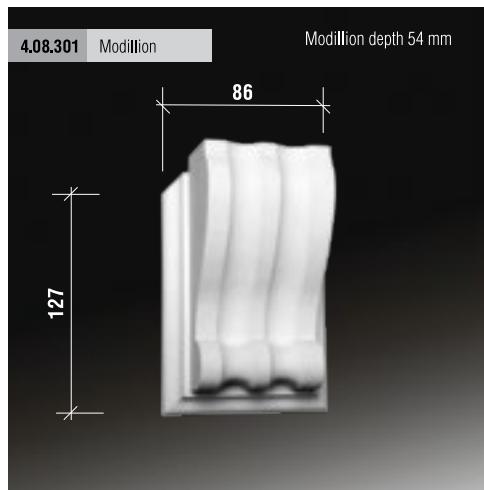
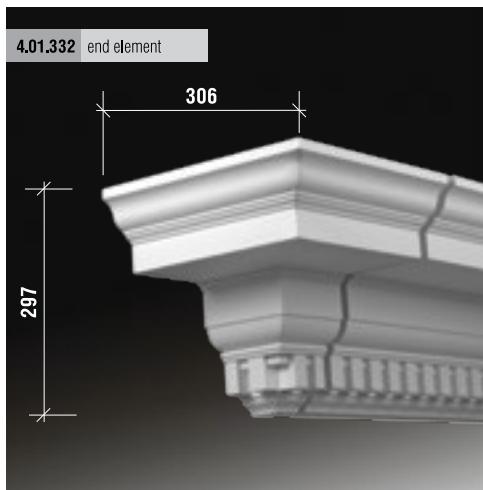
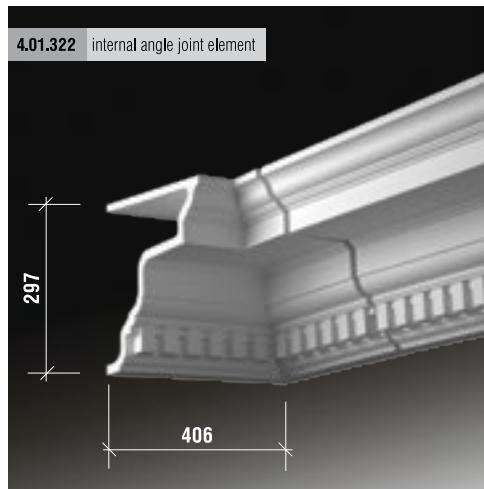
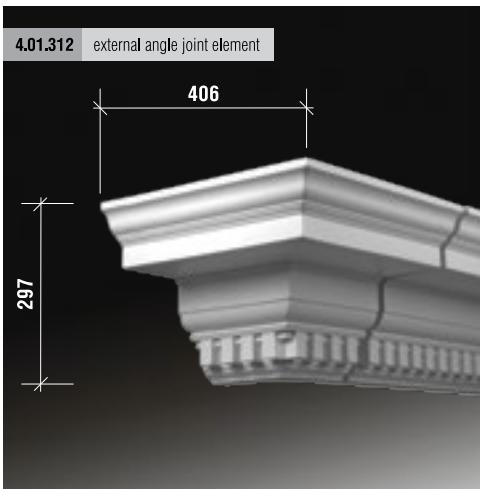
## cornices

4.01.302 cornice

cornice length 2 meters  
combined with Modillion 4.08.301



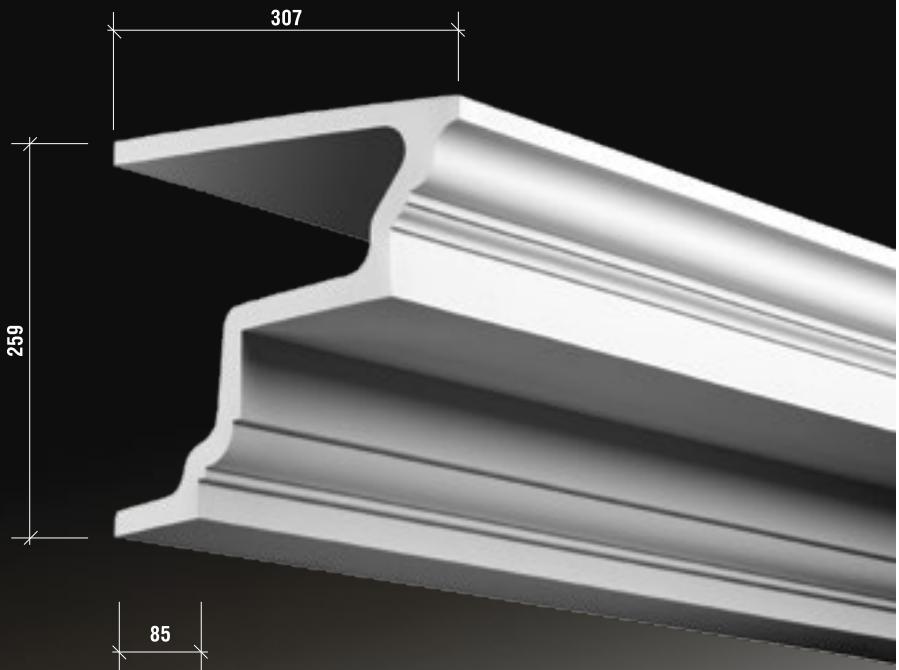
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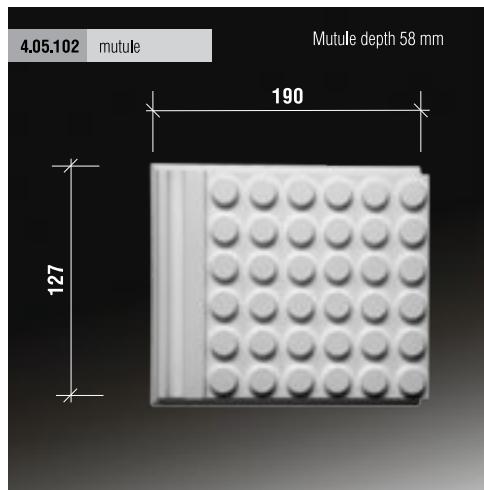
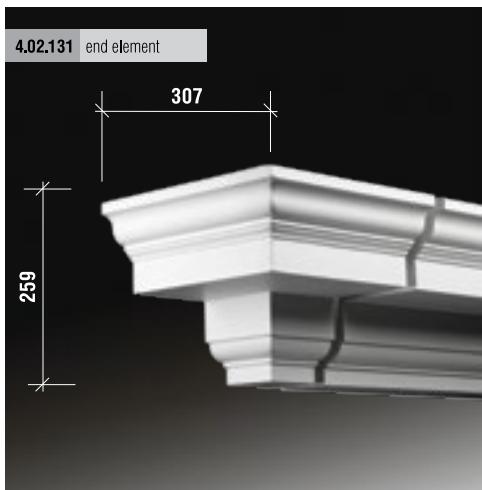
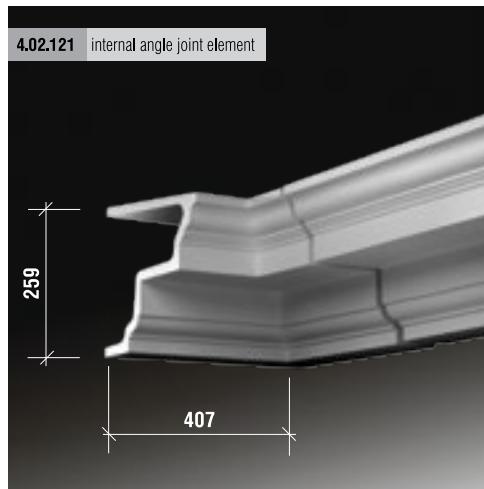
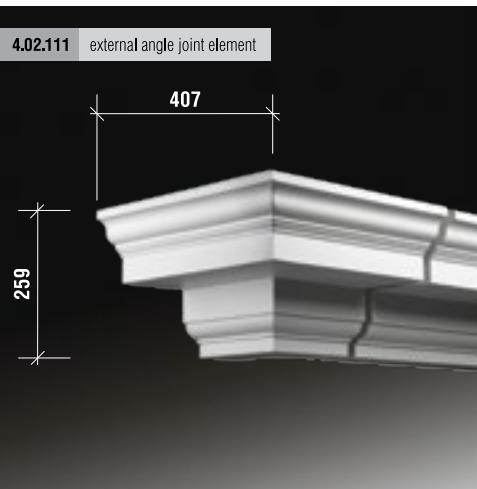
## cornices

4.02.101 cornice

cornice length 2 meters  
combined with Mutule 4.05.102



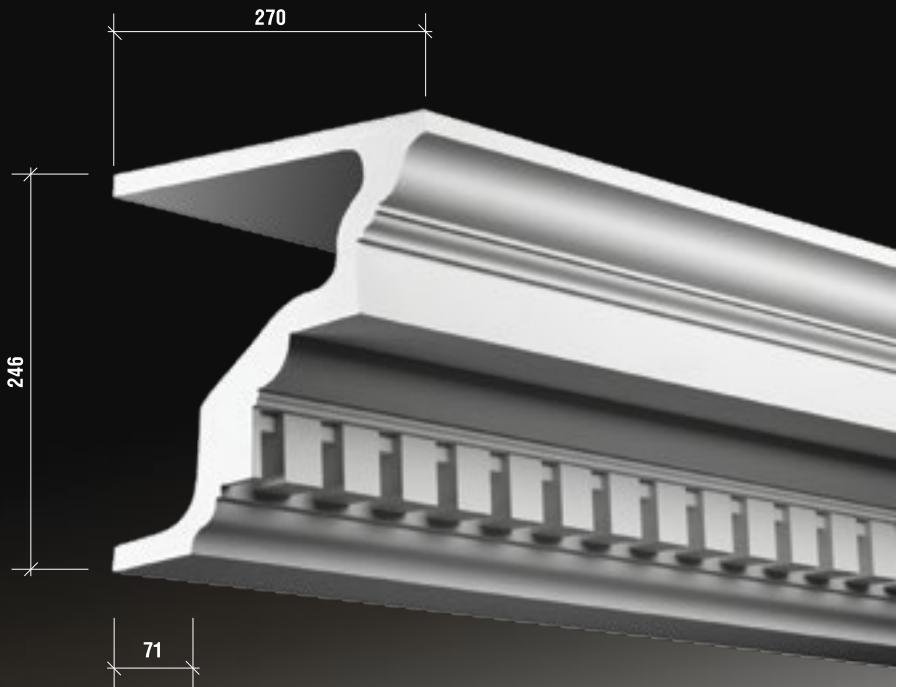
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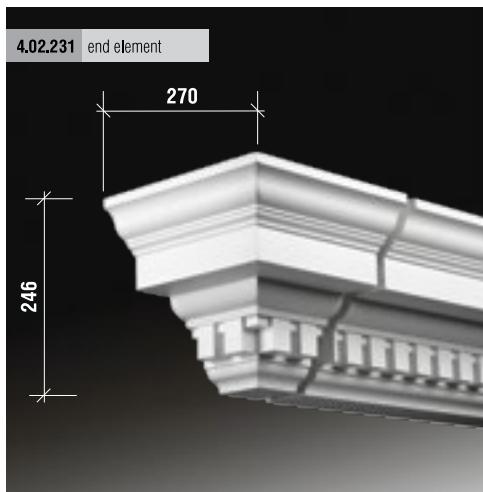
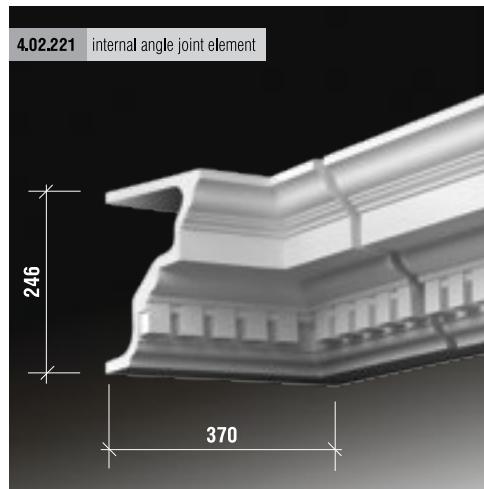
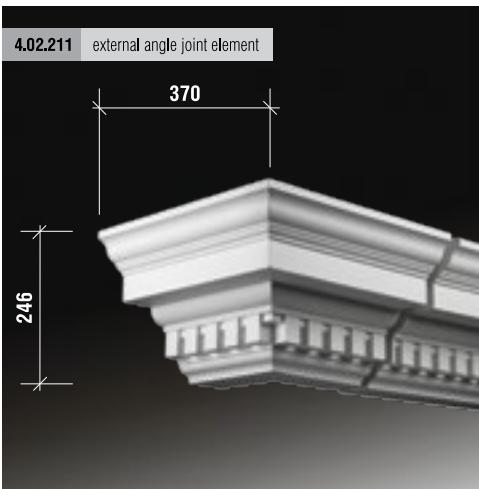
## cornices

4.02.201 cornice

cornice length 2 meters



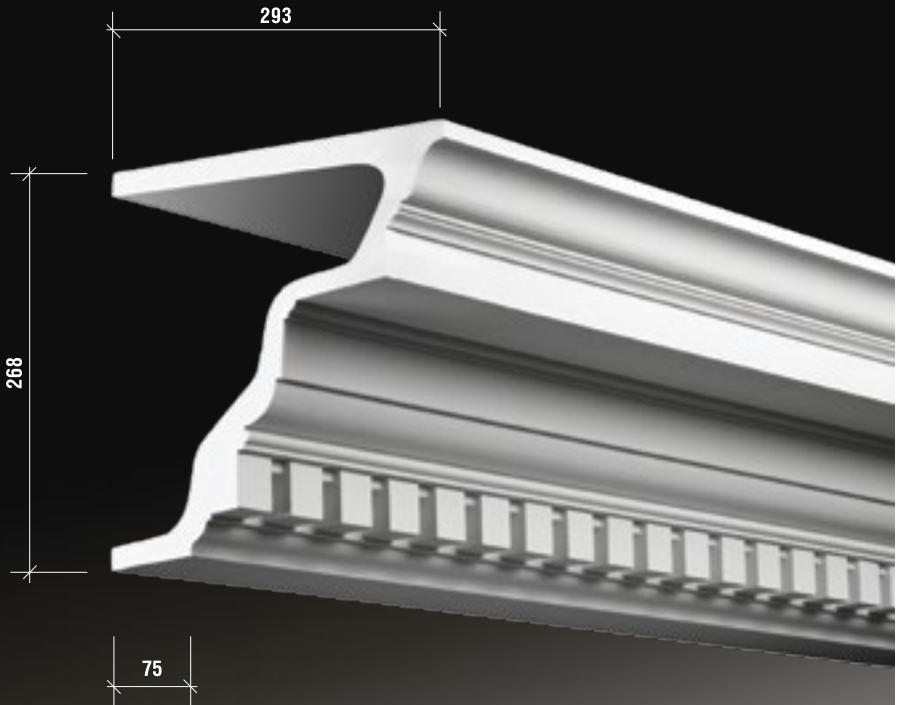
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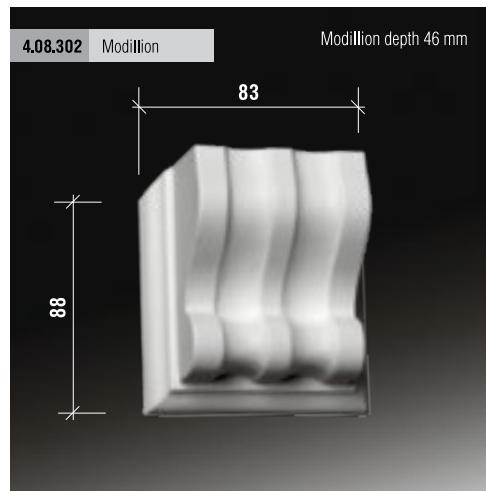
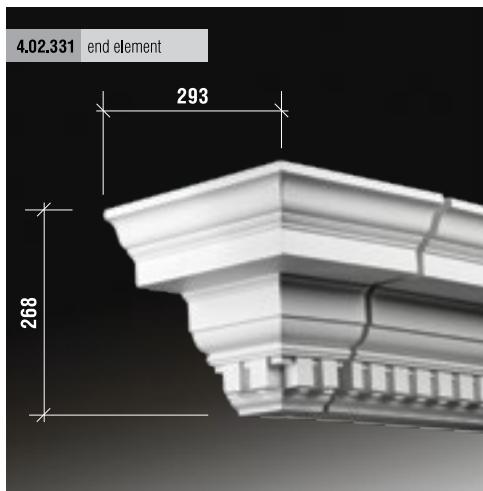
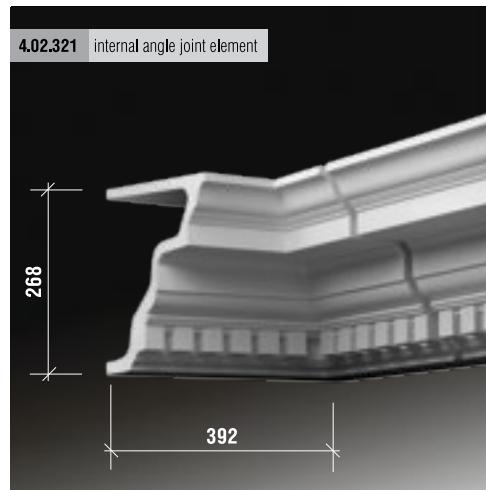
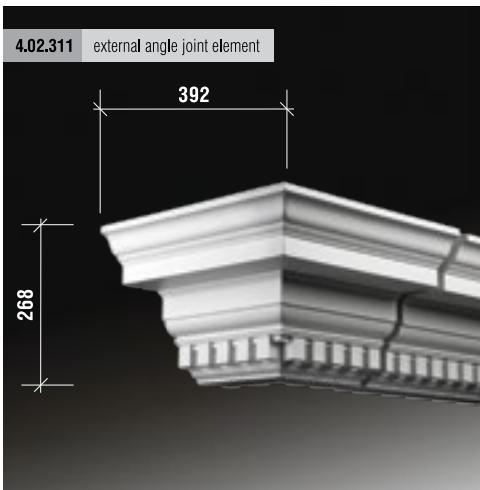
## cornices

4.02.301 cornice

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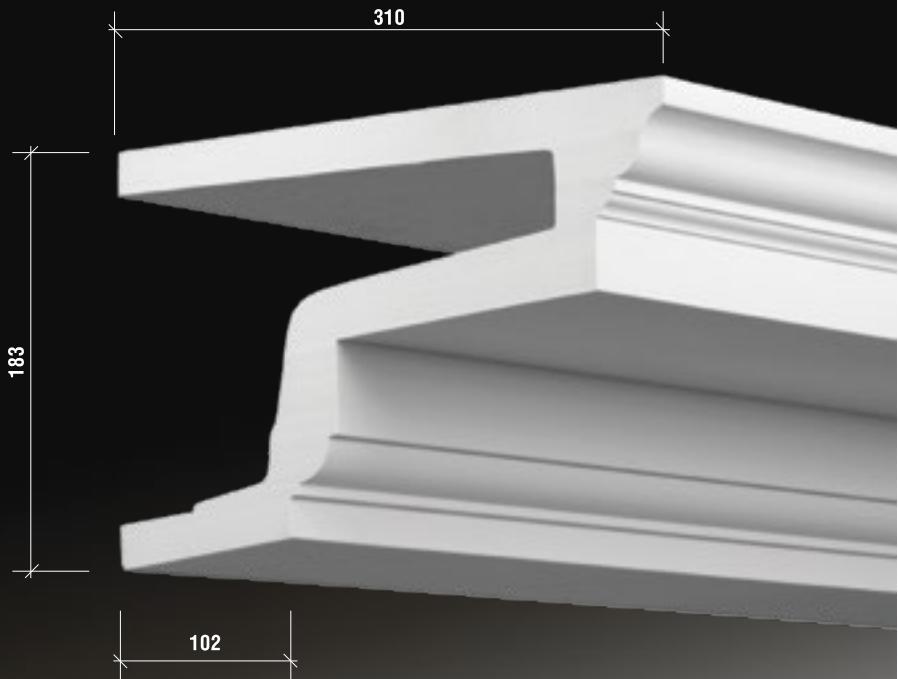
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## cornices

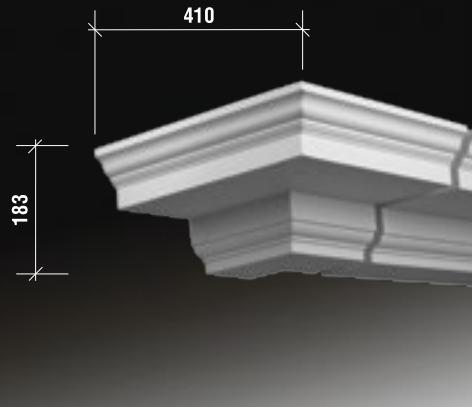
4.31.101 cornice

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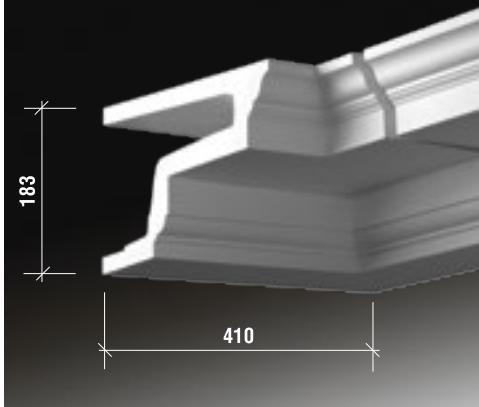


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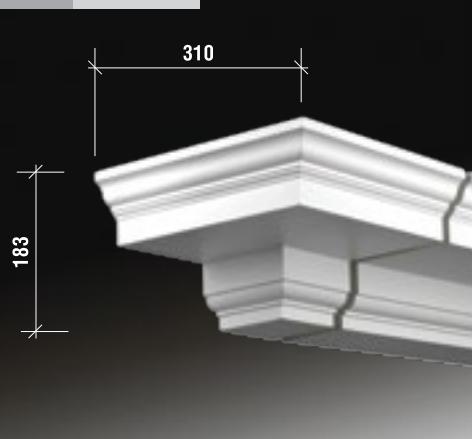
4.31.111 external angle joint element



4.31.121 internal angle joint element

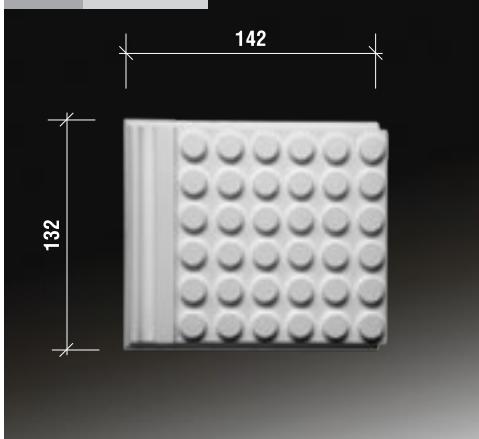


4.31.131 end element



4.35.101 mutule

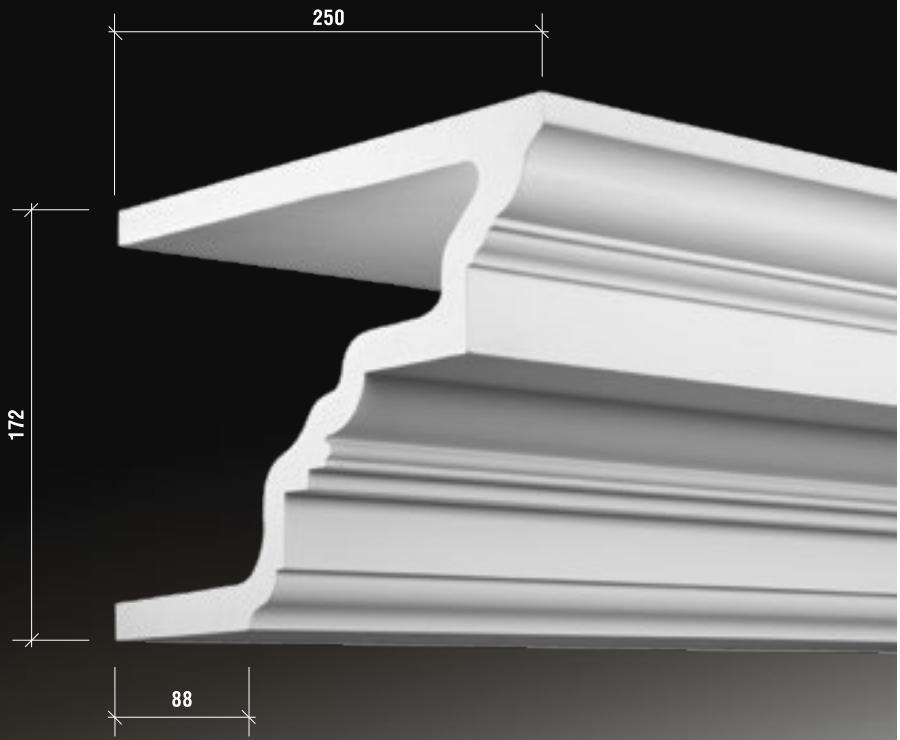
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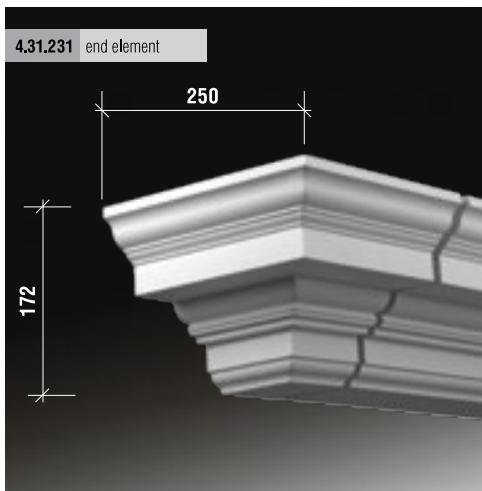
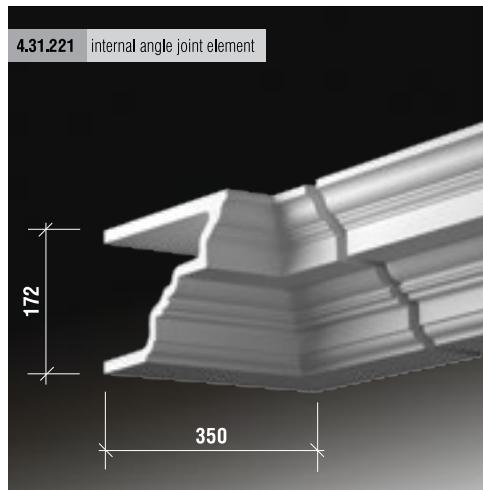
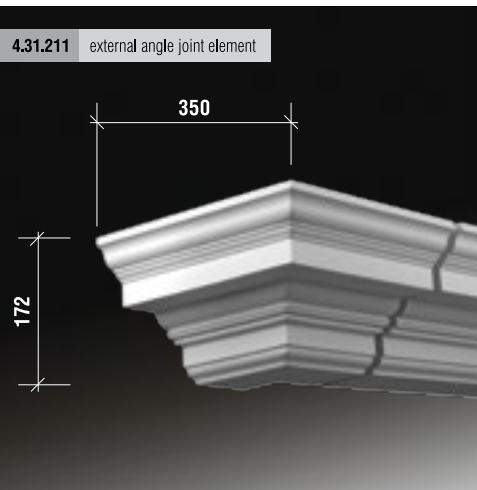
## cornices

4.31.201 cornice

cornice length 2 meters



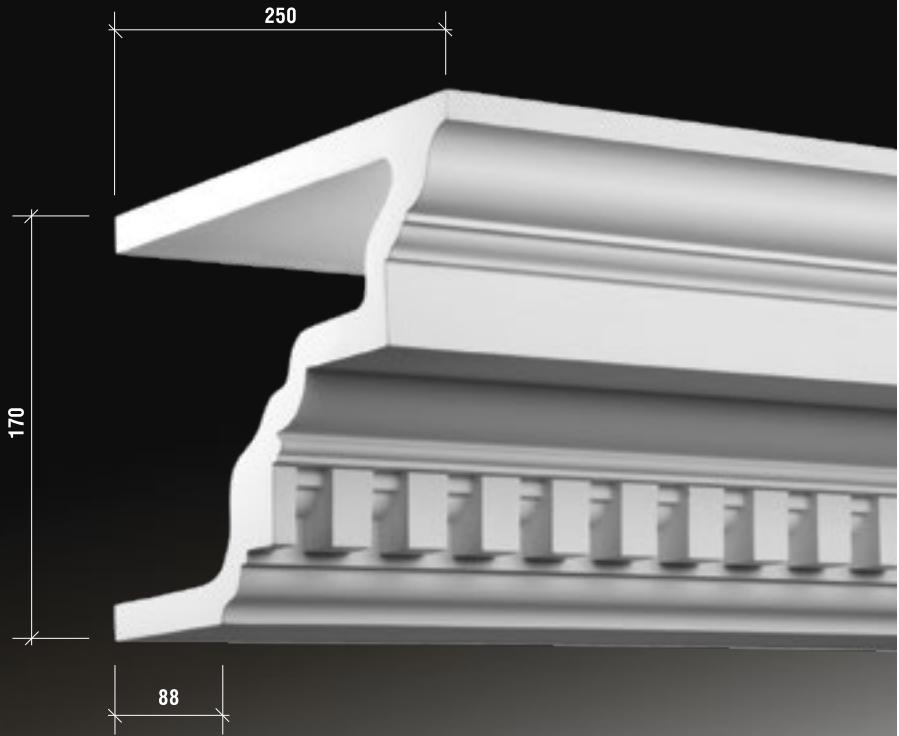
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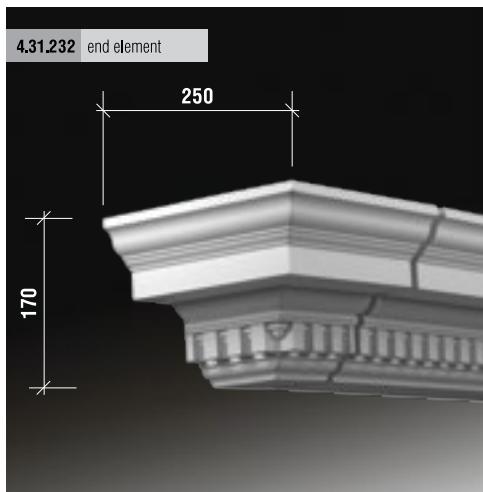
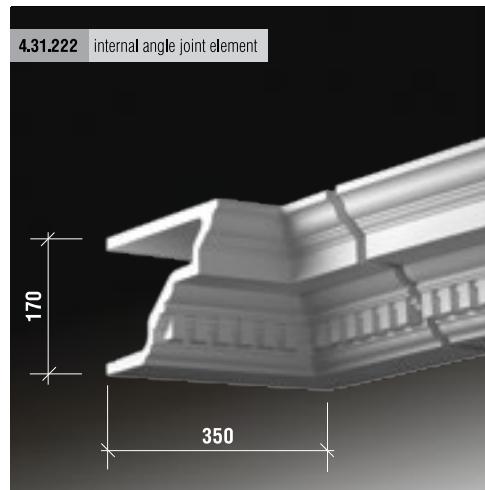
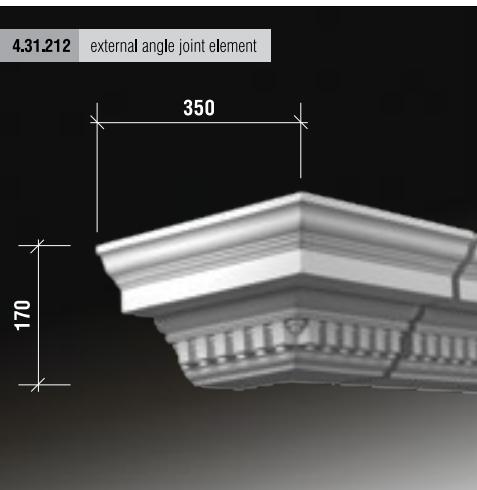
## cornices

4.31.202 cornice

cornice length 2 meters



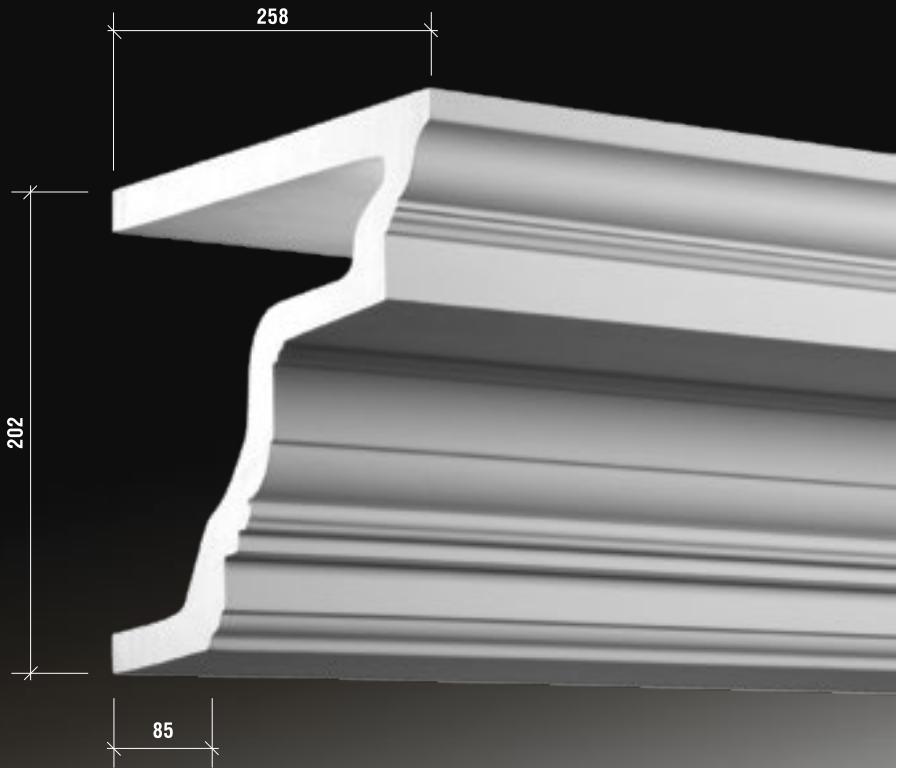
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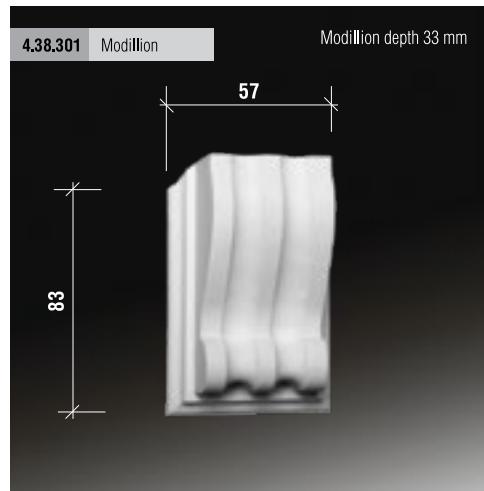
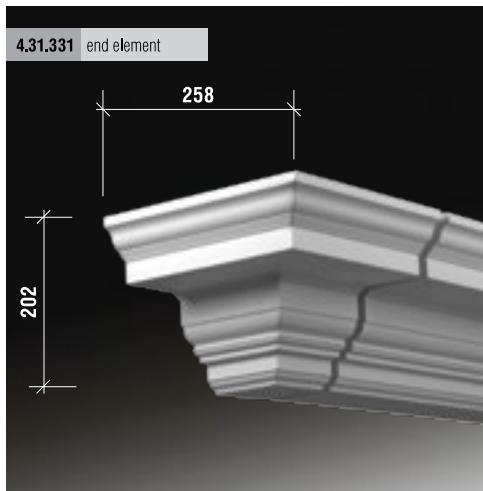
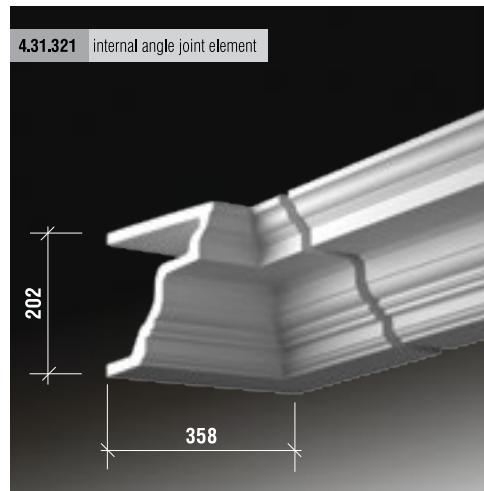
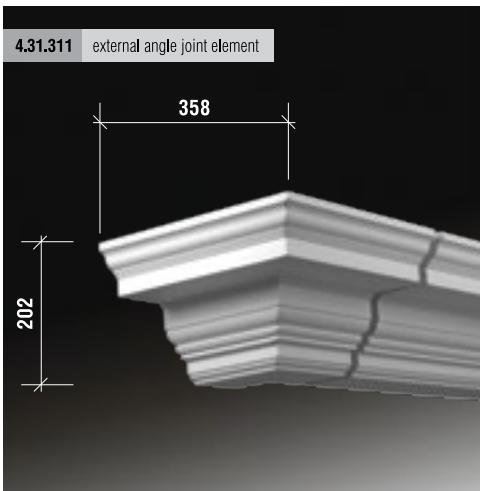
## cornices

4.31.301 cornice

cornice length 2 meters  
combined with Modillion 4.38.301



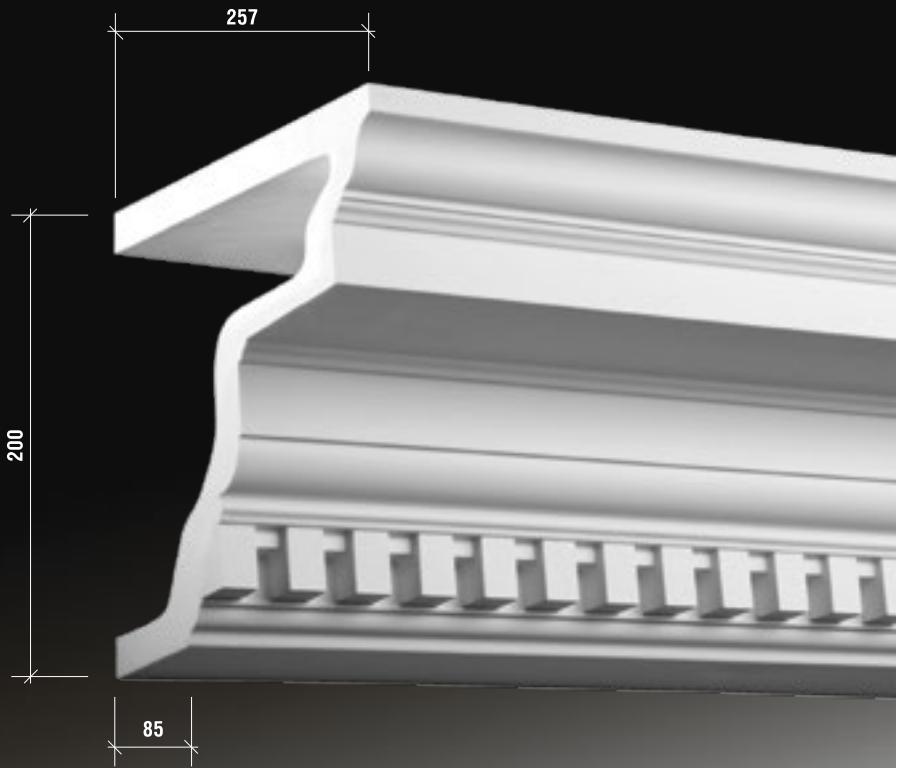
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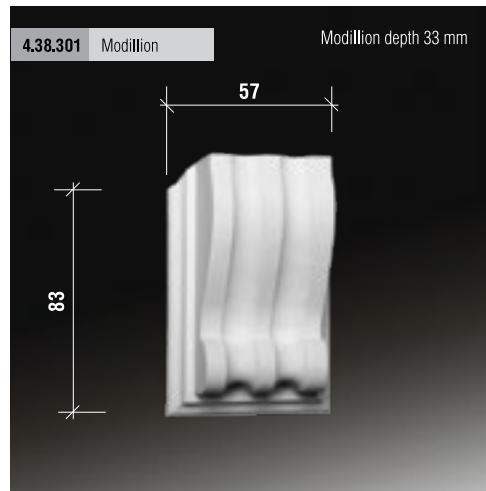
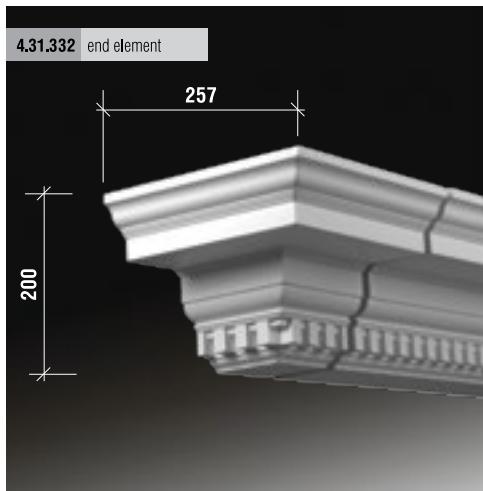
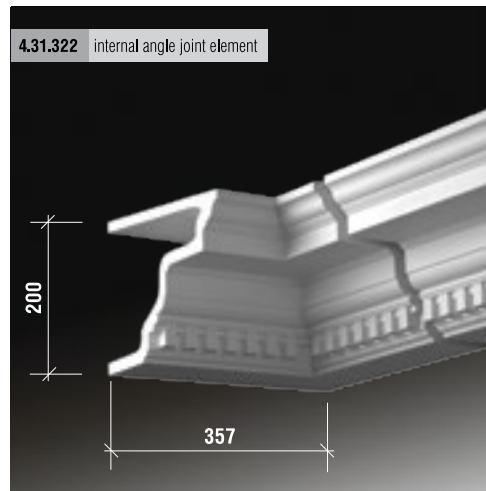
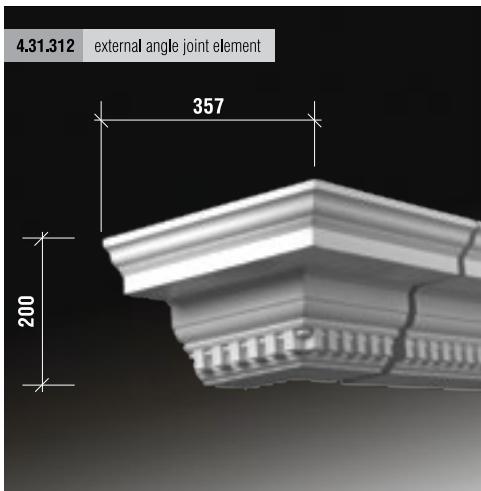
## cornices

4.31.302 cornice

cornice length 2 meters  
combined with Modillion 4.38.301



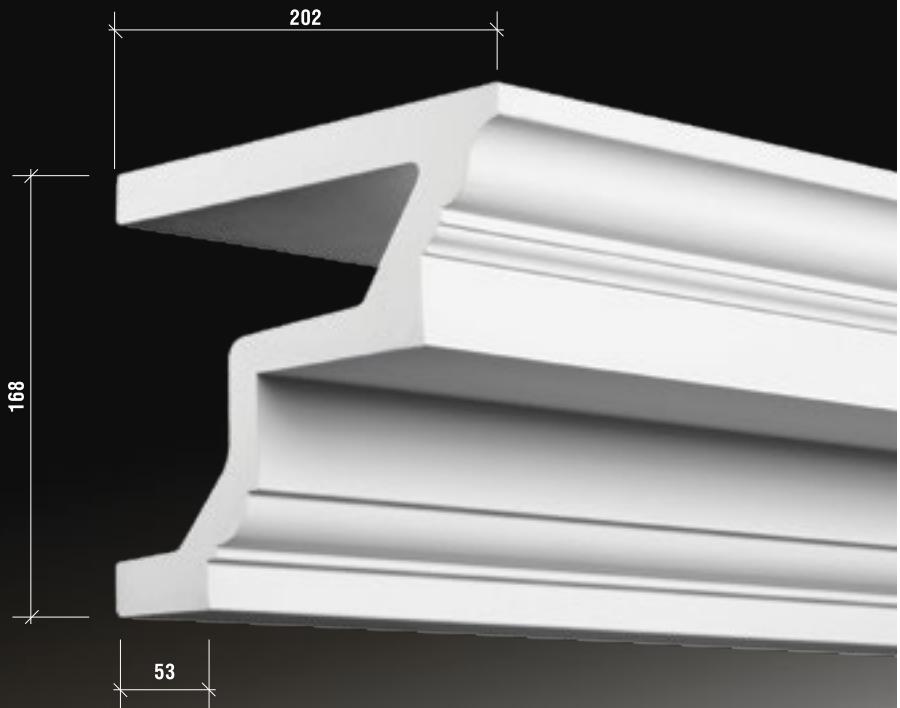
dimensions in millimeters



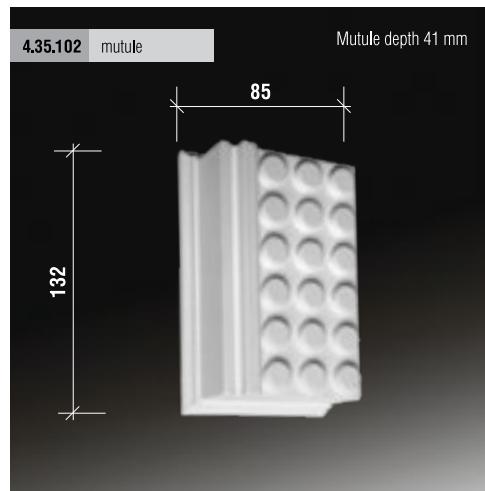
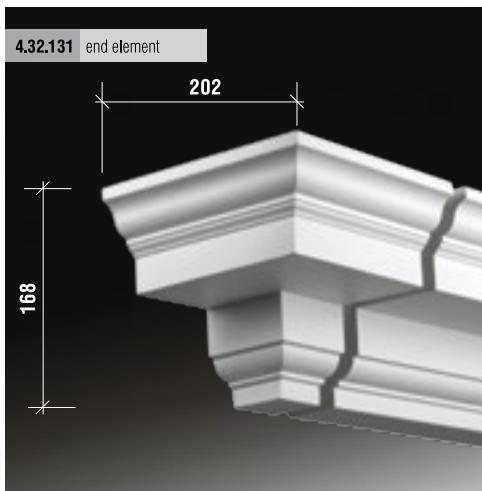
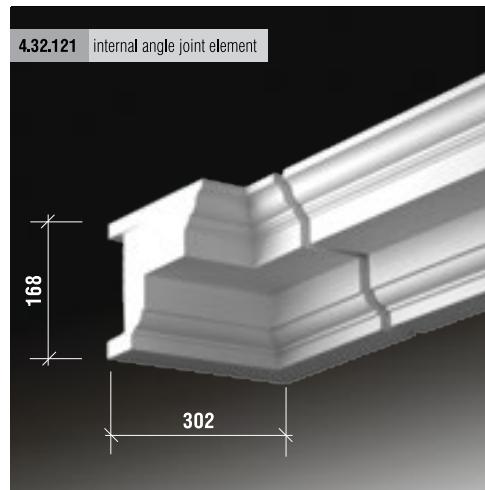
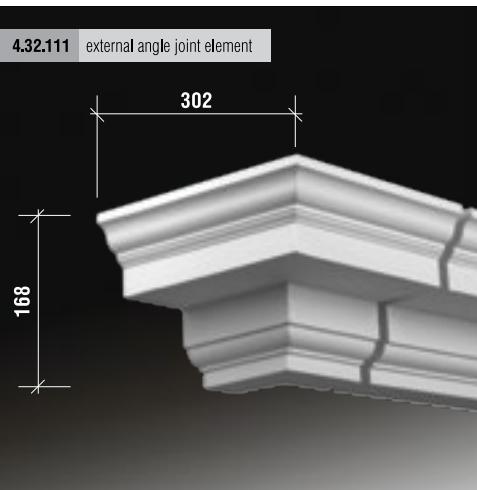
## cornices

4.32.101 cornice

cornice length 2 meters  
combined with Mutule 4.35.102



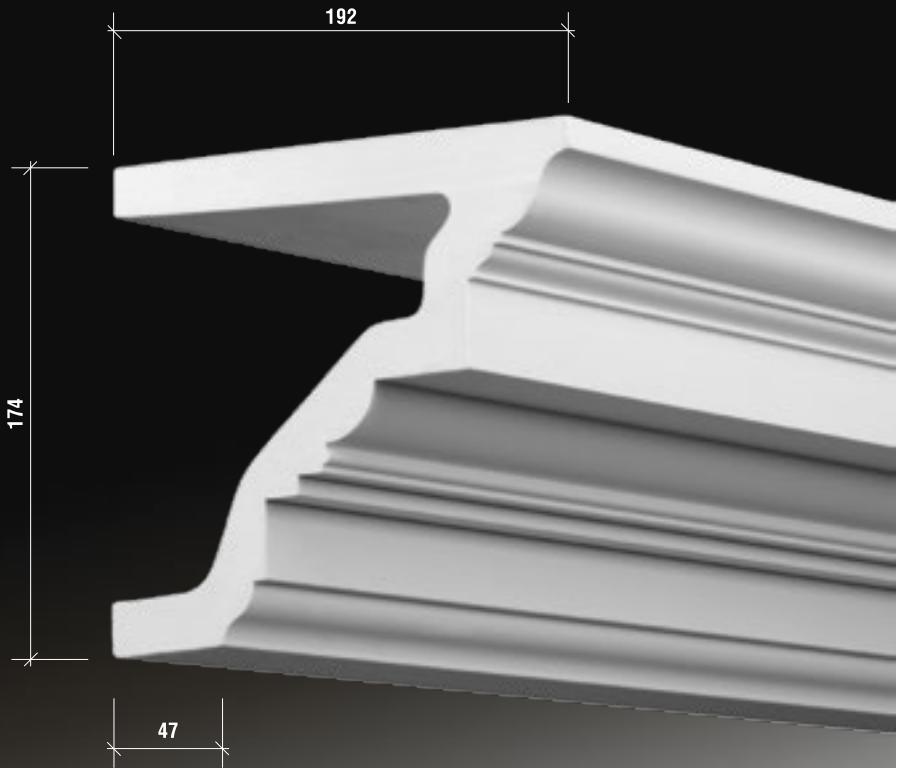
dimensions in millimeters



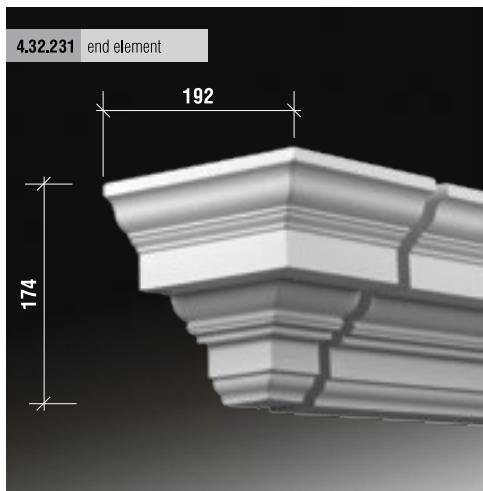
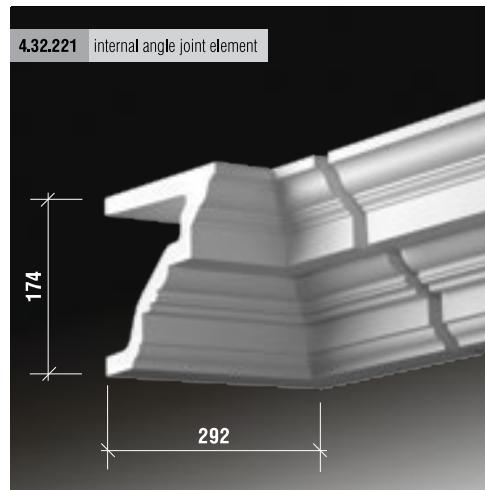
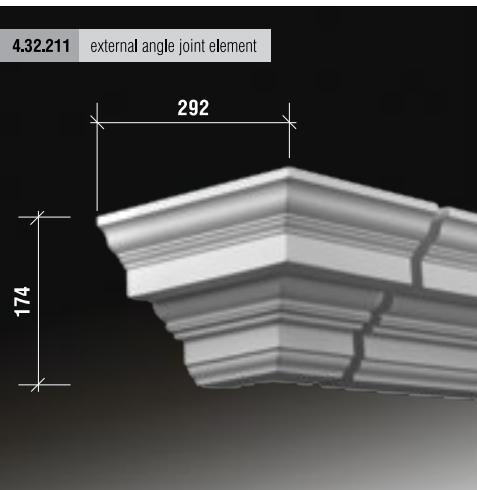
## cornices

4.32.201 cornice

cornice length 2 meters



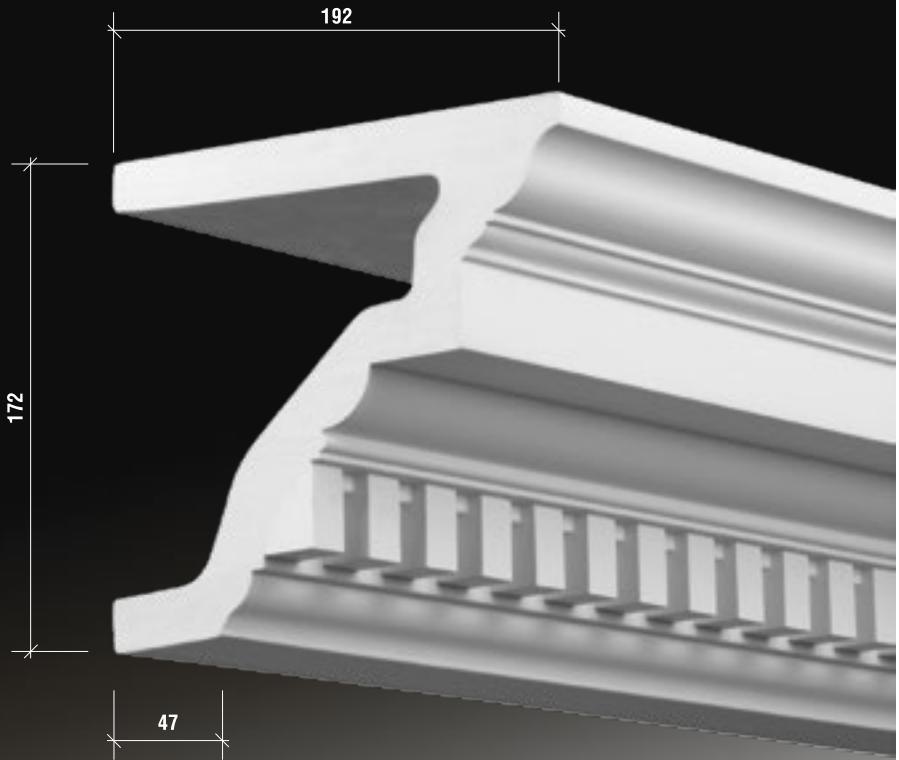
dimensions in millimeters



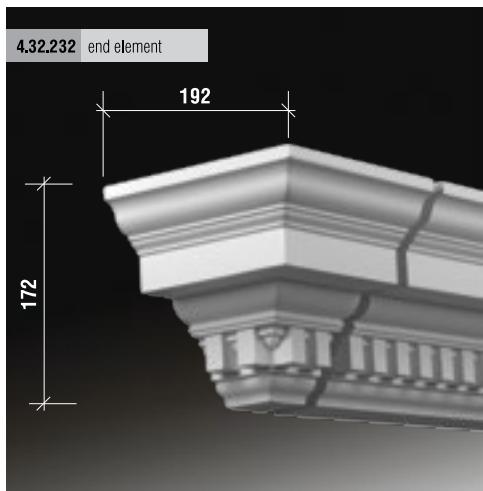
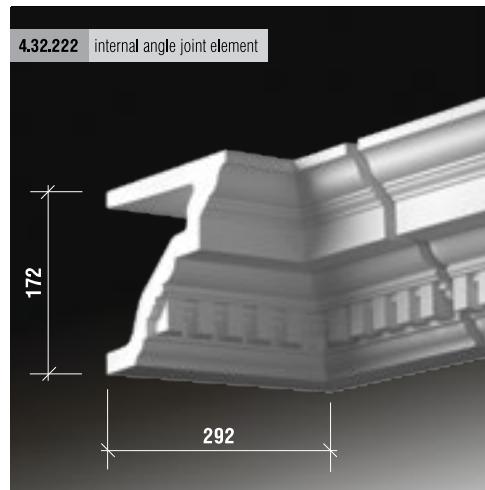
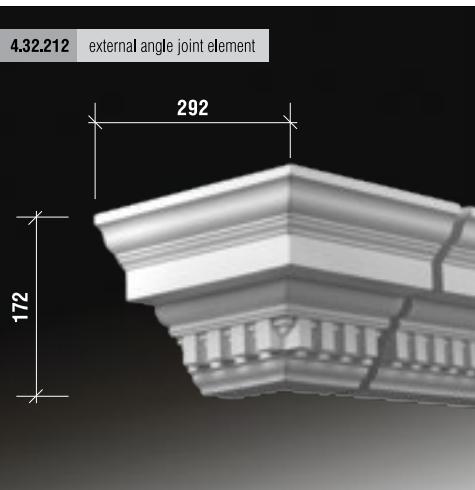
## cornices

4.32.202 cornice

cornice length 2 meters



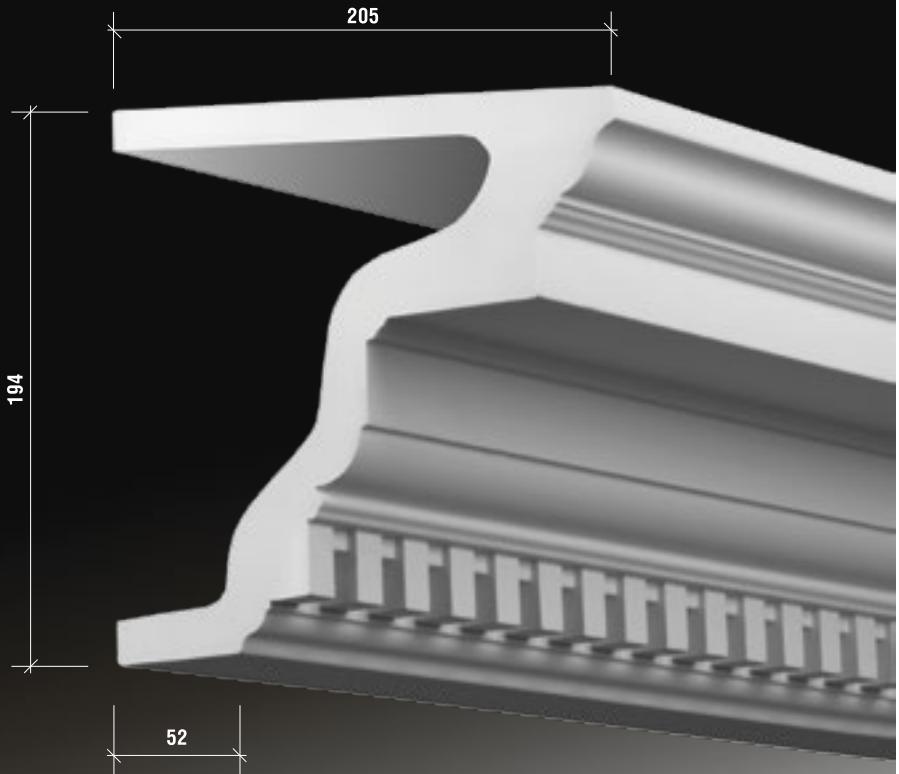
dimensions in millimeters



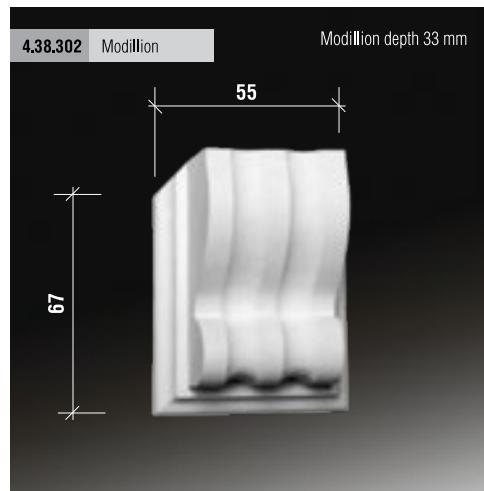
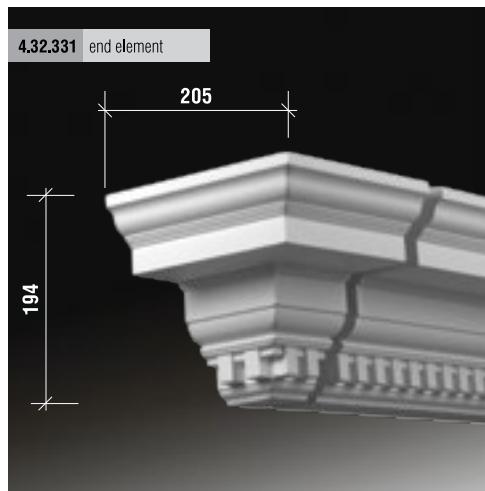
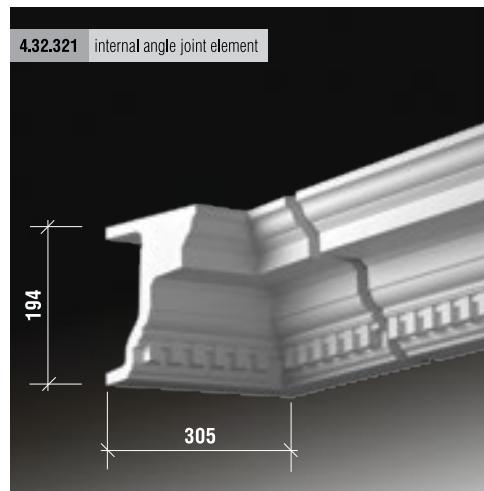
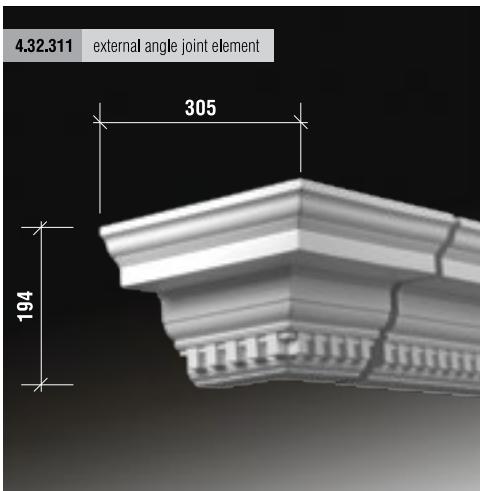
## cornices

4.32.301 cornice

cornice length 2 meters  
combined with Modillion 4.38.302



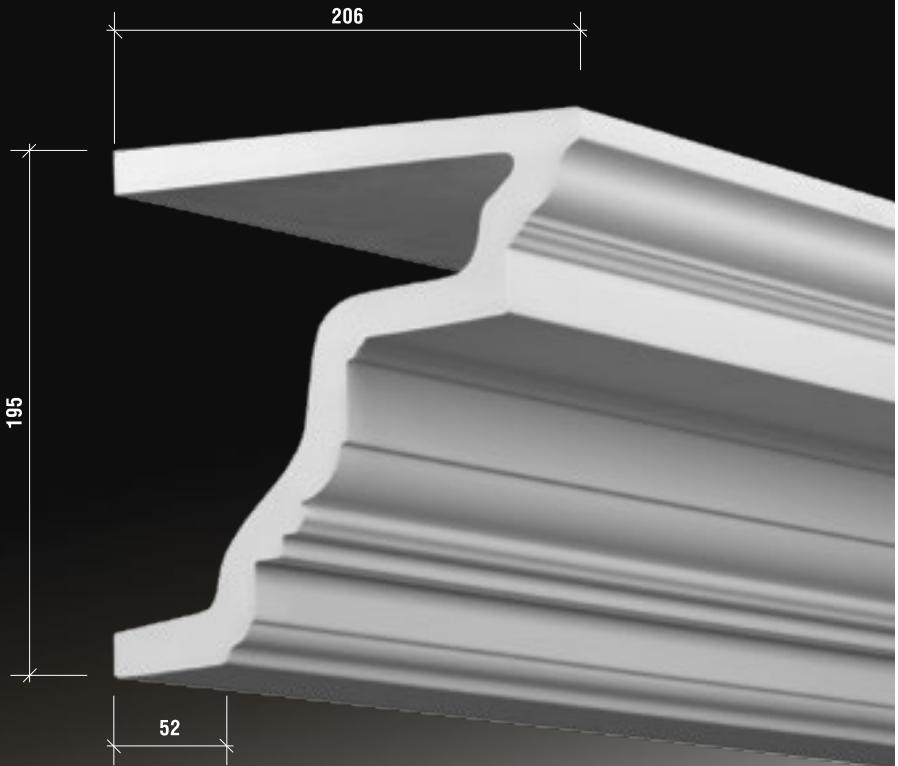
dimensions in millimeters



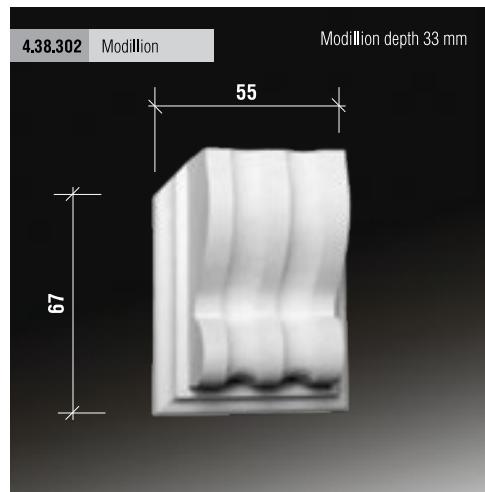
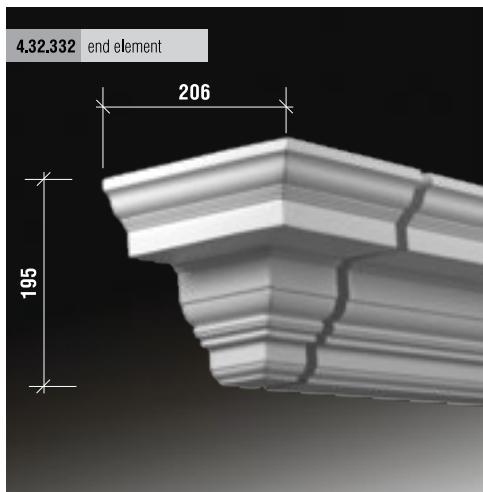
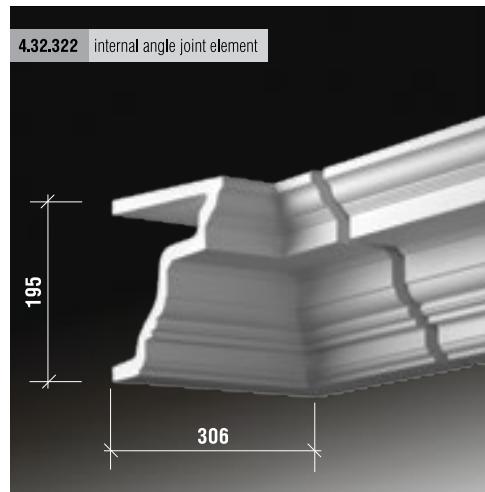
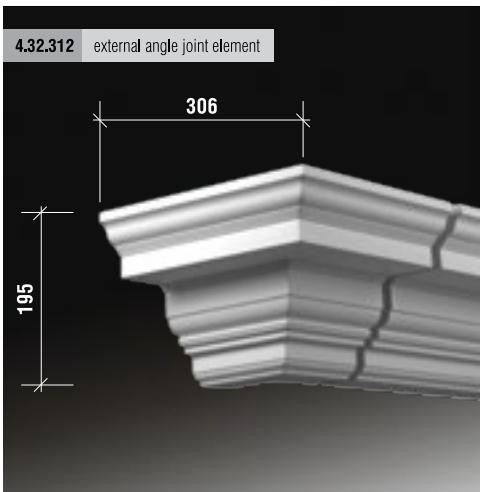
## cornices

4.32.302 cornice

cornice length 2 meters  
combined with Modillion 4.38.302



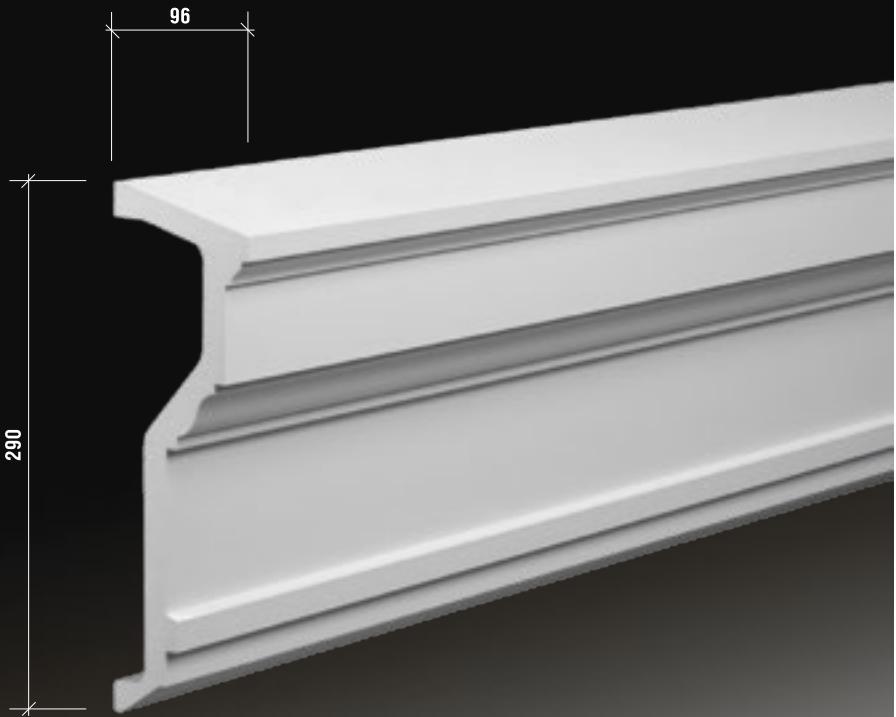
dimensions in millimeters



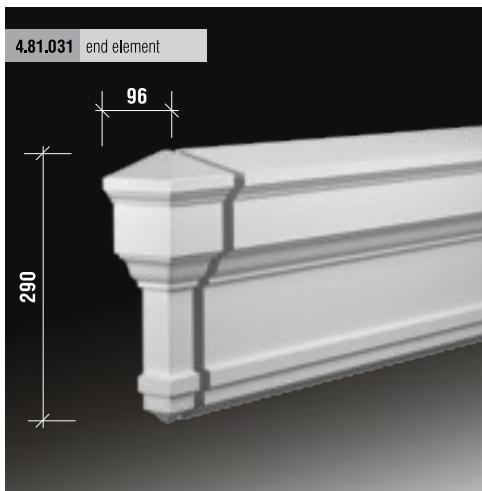
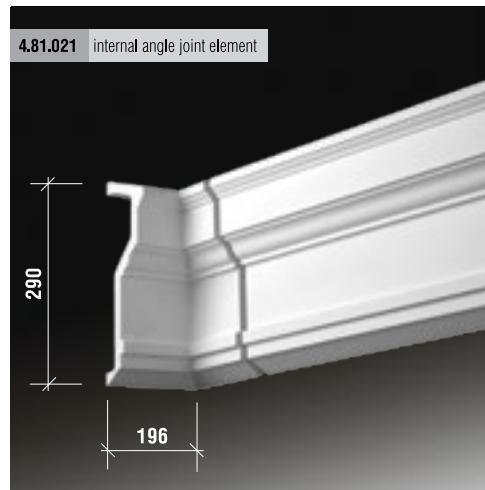
## cornices

4.81.001 cornice

cornice length 2 meters



dimensions in millimeters



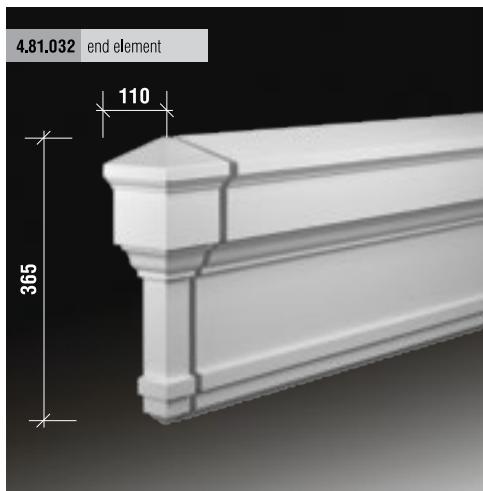
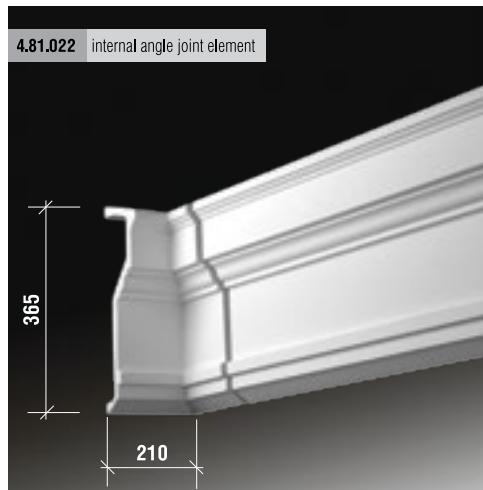
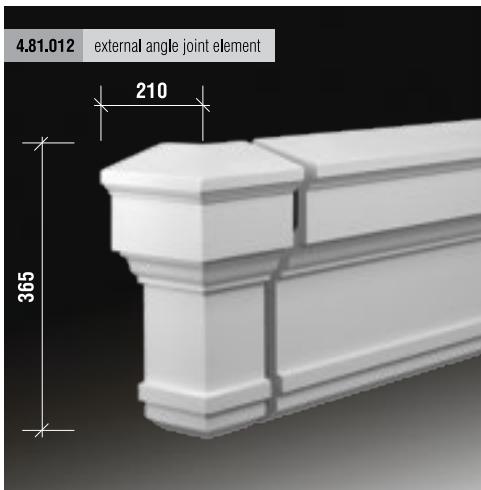
## cornices

4.81.002 cornice

cornice length 2 meters



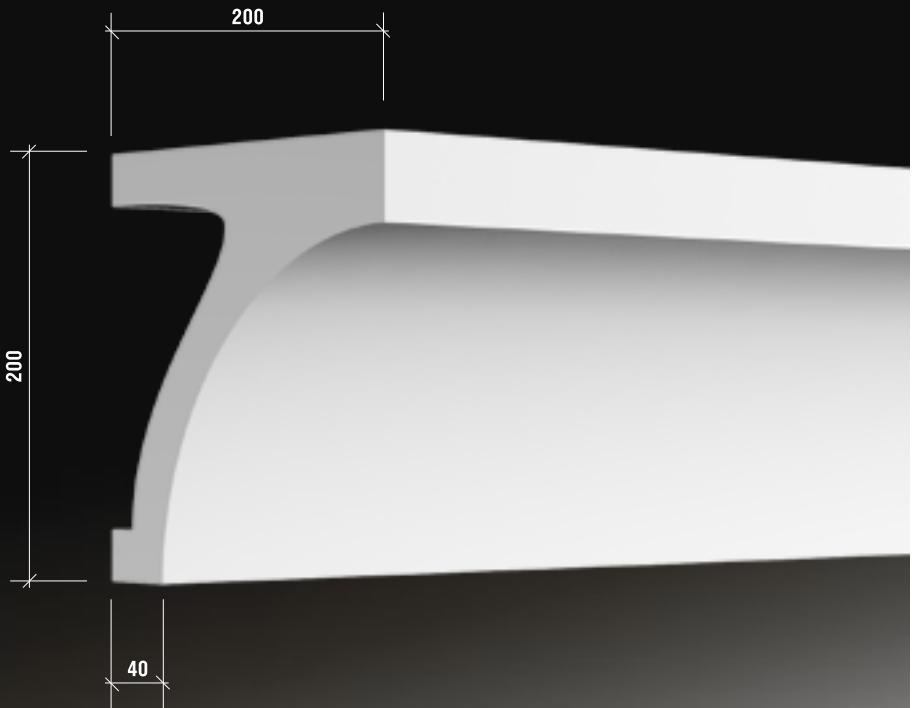
dimensions in millimeters



## cornices

4.91.001 cornice

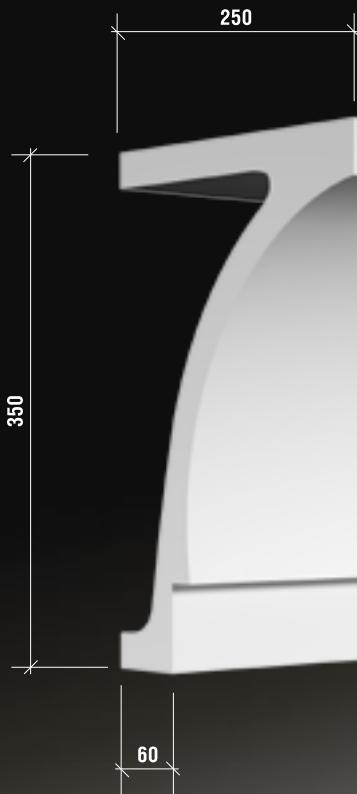
cornice length 2 meters



dimensions in millimeters

**4.91.002** cornice

cornice length 2 meters

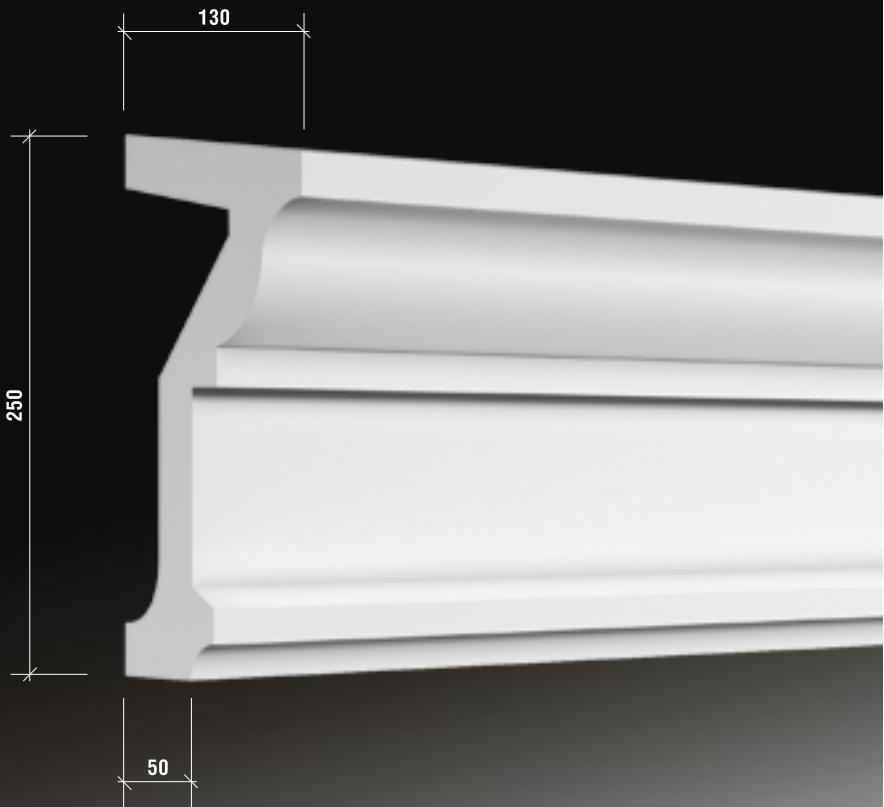


dimensions in millimeters

## cornices

4.91.003 cornice

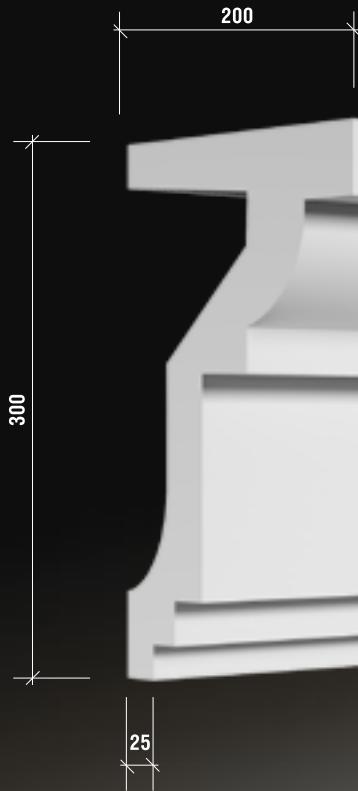
cornice length 2 meters



dimensions in millimeters

**4.91.004** cornice

cornice length 2 meters

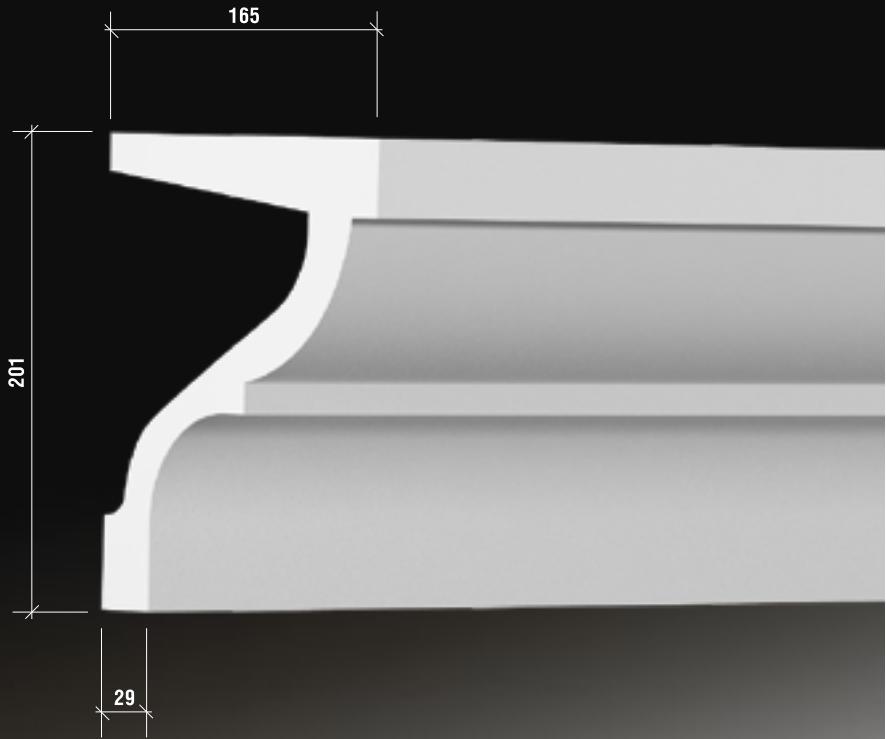


dimensions in millimeters

## cornices

4.91.005 cornice

cornice length 2 meters



dimensions in millimeters



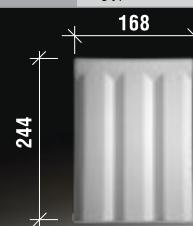
## friezes

4.03.101 frieze

frieze length 2 meters  
combined with triglyph 4.06.101

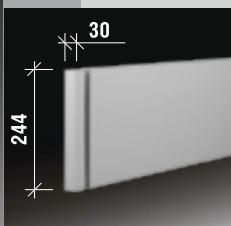


4.06.101 triglyph



triglyph depth 12 mm

4.03.131 end element

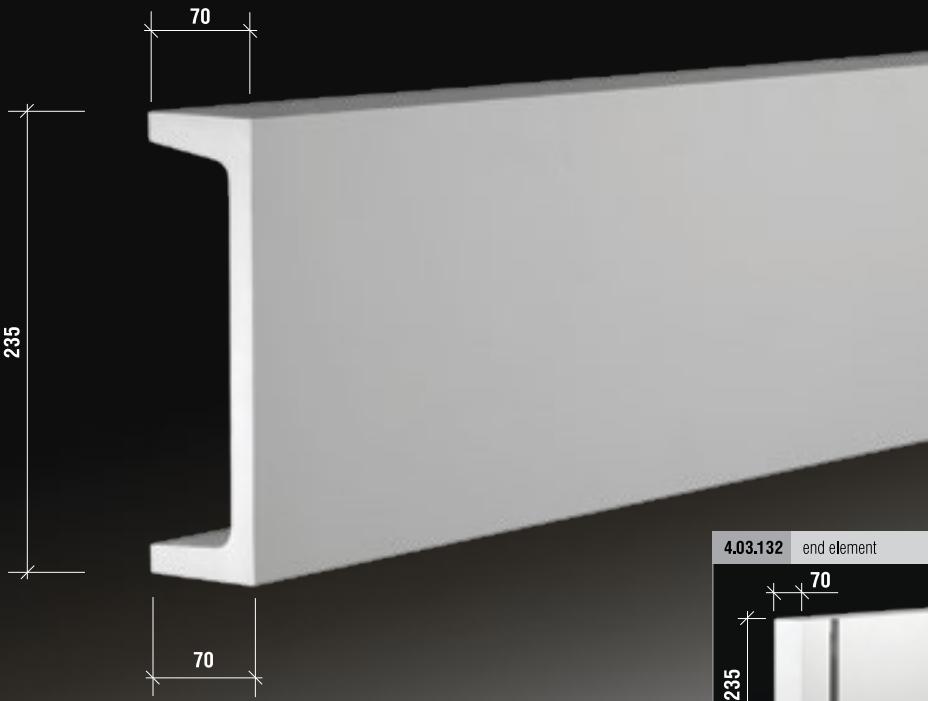


dimensions in millimeters

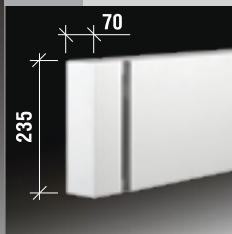
**4.03.102**

frieze

frieze length 2 meters

**4.03.132**

end element

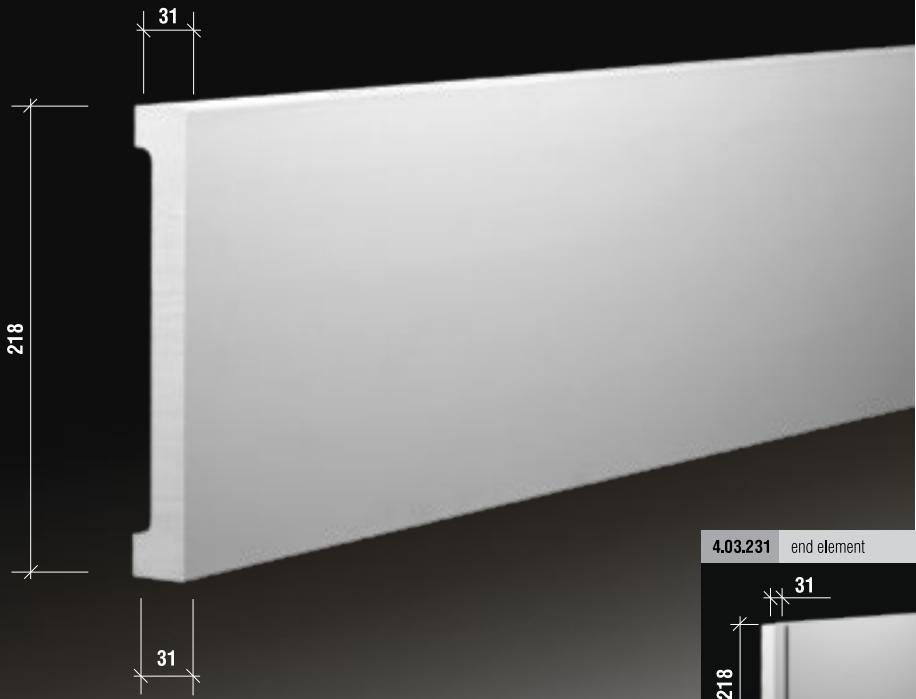


# friezes

4.03.201

frieze

frieze length 2 meters



4.03.231

end element

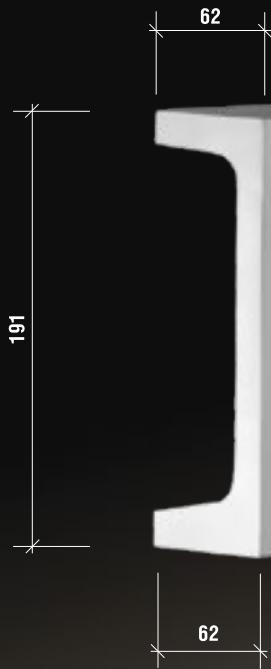


dimensions in millimeters

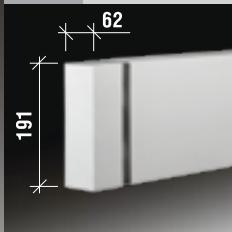
**4.03.202**

frieze

frieze length 2 meters

**4.03.232**

end element



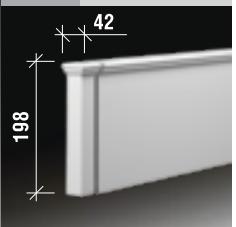
## friezes

4.03.301 frieze

frieze length 2 meters



4.03.331 end element

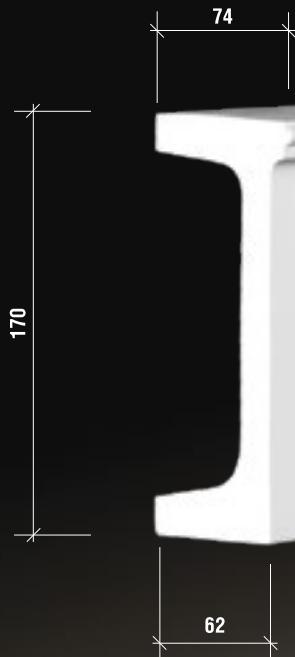


dimensions in millimeters

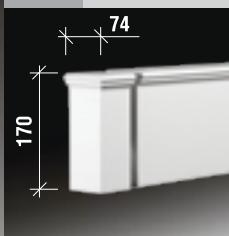
**4.03.302**

frieze

frieze length 2 meters

**4.03.332**

end element



## friezes

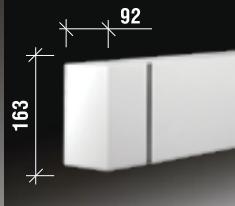
4.33.101 frieze

frieze length 2 meters



dimensions in millimeters

4.33.131 end element



**4.33.102**

frieze

frieze length 2 meters  
combined with triglyph **4.36.101**

triglyph depth 10 mm

**4.36.101**

triglyph

165

120

**4.33.132**

end element

165

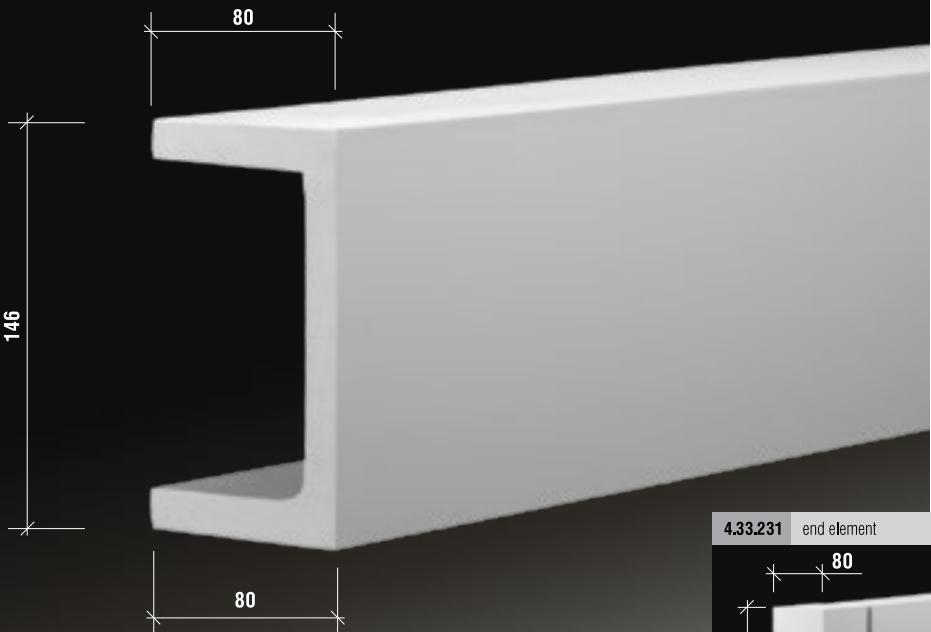
42



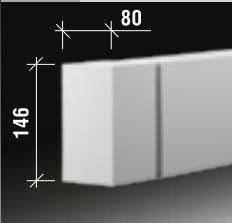
## friezes

4.33.201 frieze

frieze length 2 meters



4.33.231 end element



dimensions in millimeters

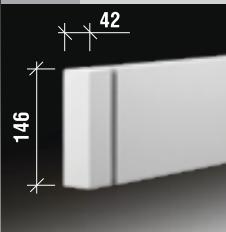
**4.33.202**

frieze

frieze length 2 meters

**4.33.232**

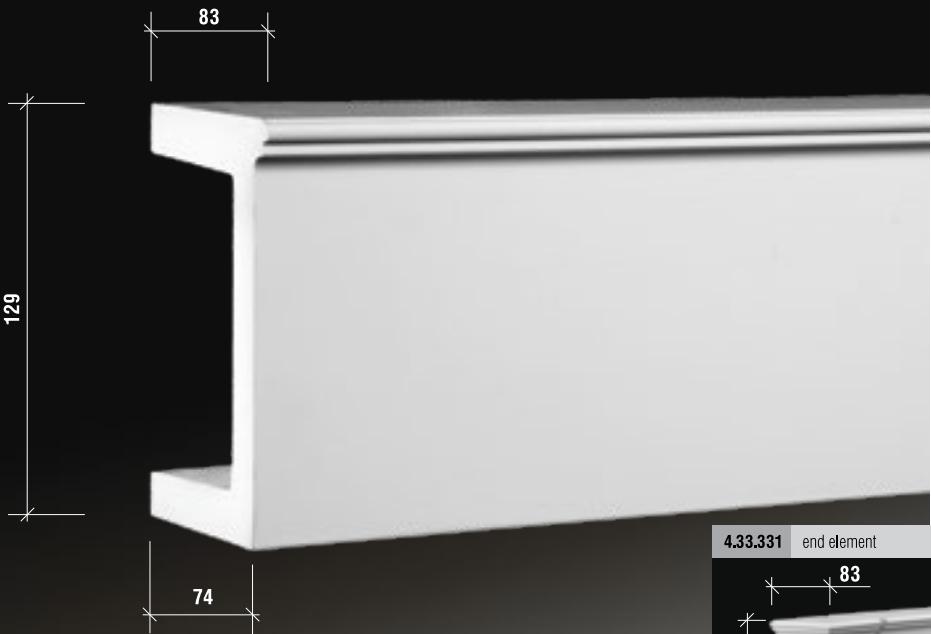
end element



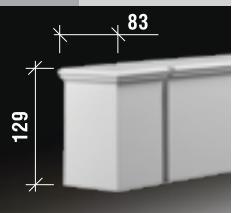
## friezes

4.33.301 frieze

frieze length 2 meters



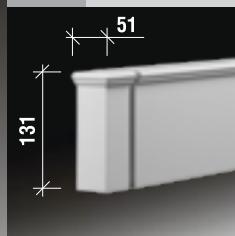
4.33.331 end element



dimensions in millimeters

**4.33.302** frieze

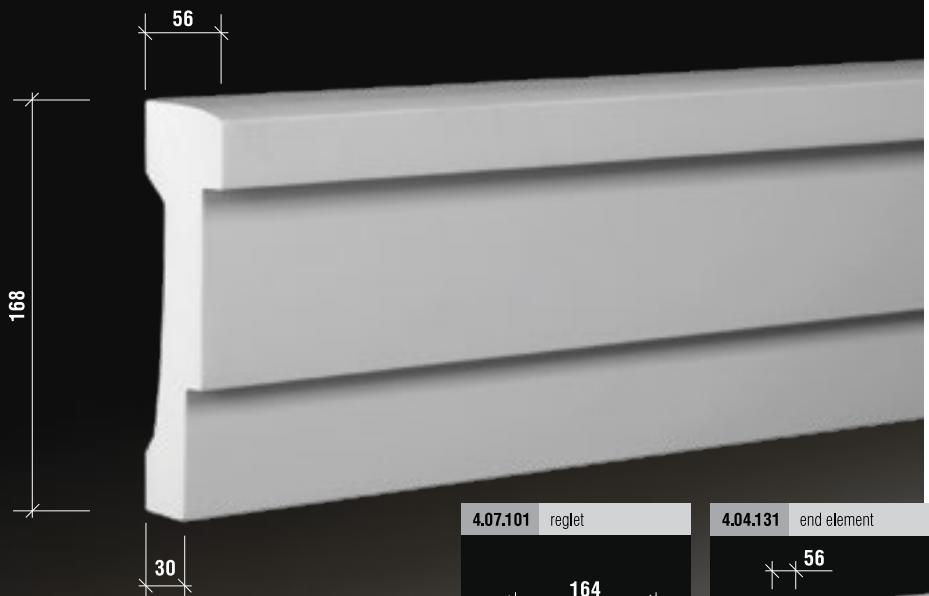
frieze length 2 meters

**4.33.332** end element

## architraves

4.04.101 architrave

architrave length 2 meters  
combined with reglet 4.07.101



reglet depth 12 mm

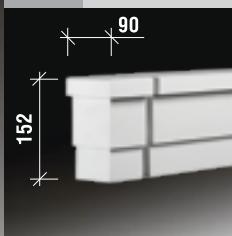
4.07.101 reglet

4.04.131 end element

dimensions in millimeters

**4.04.102** architrave

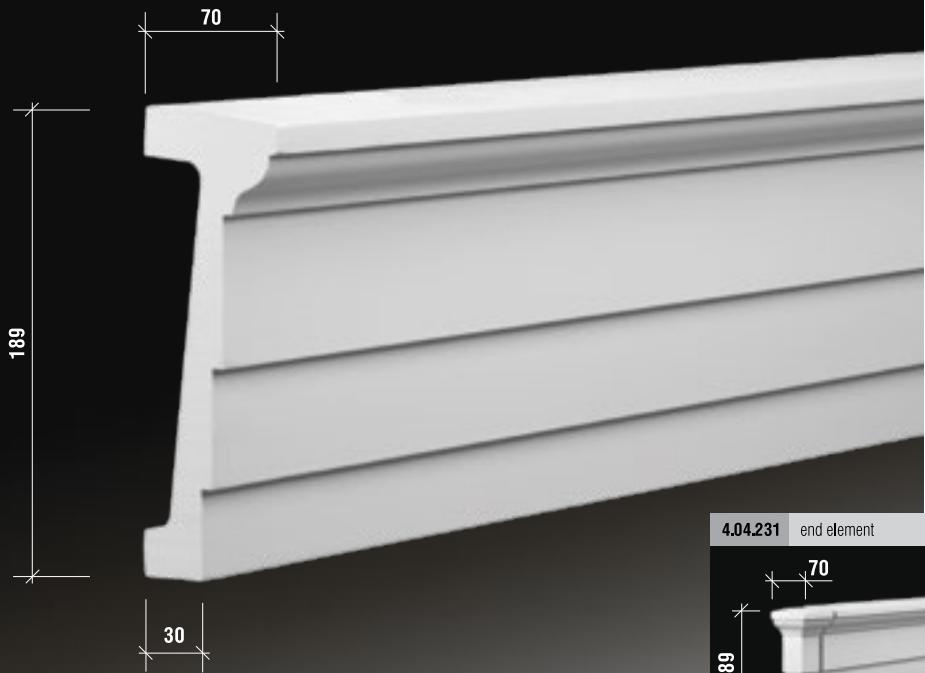
architrave length 2 meters

**4.04.132** end element

# architraves

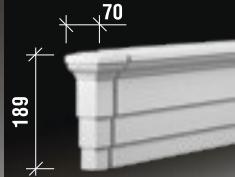
4.04.201 architrave

architrave length 2 meters



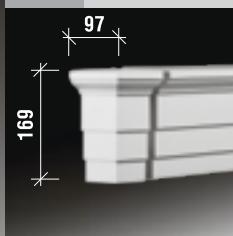
dimensions in millimeters

4.04.231 end element



**4.04.202** architrave

architrave length 2 meters

**4.04.232** end element

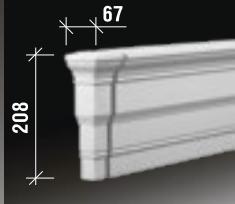
## architraves

4.04.301 architrave

architrave length 2 meters



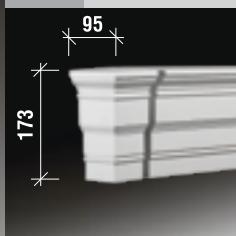
4.04.331 end element



dimensions in millimeters

**4.04.302** architrave

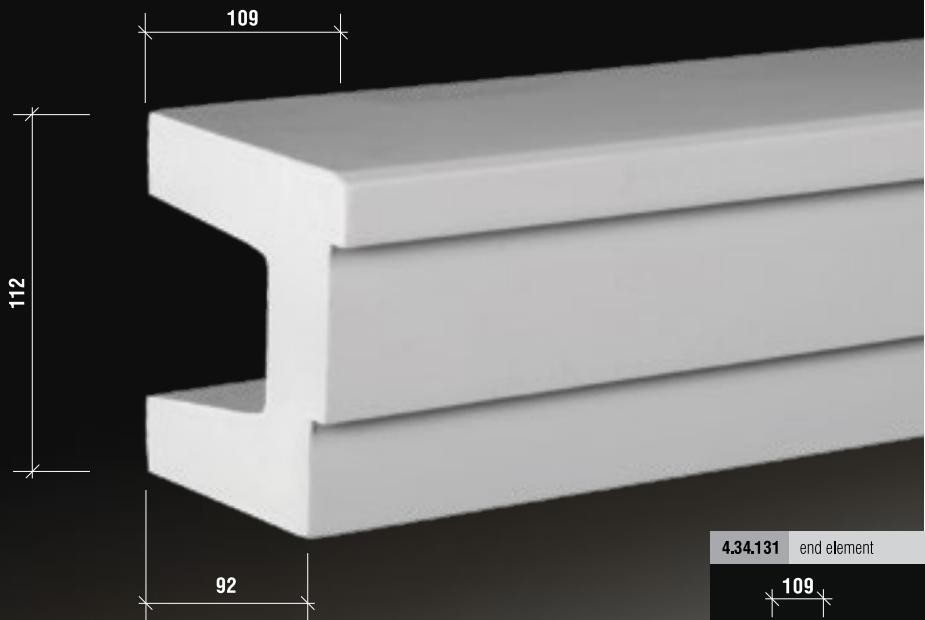
architrave length 2 meters

**4.04.332** end element

## architraves

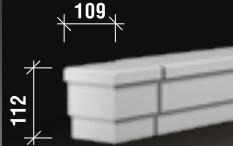
4.34.101 architrave

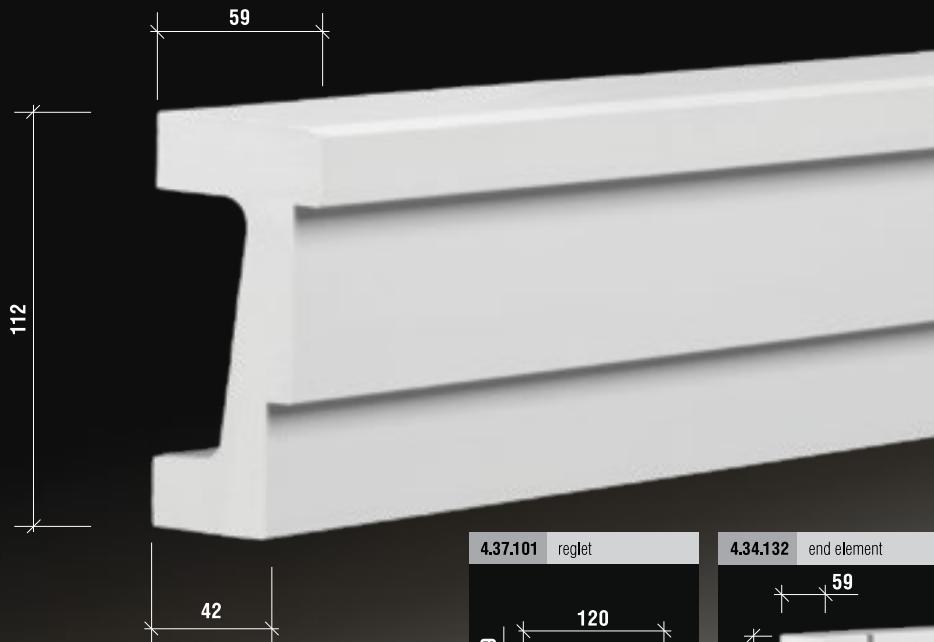
architrave length 2 meters



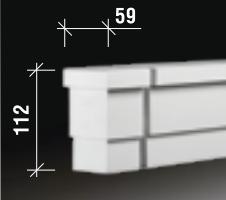
dimensions in millimeters

4.34.131 end element



**4.34.102** architravearchitrave length 2 meters  
combined with reglet **4.07.101****4.37.101** reglet

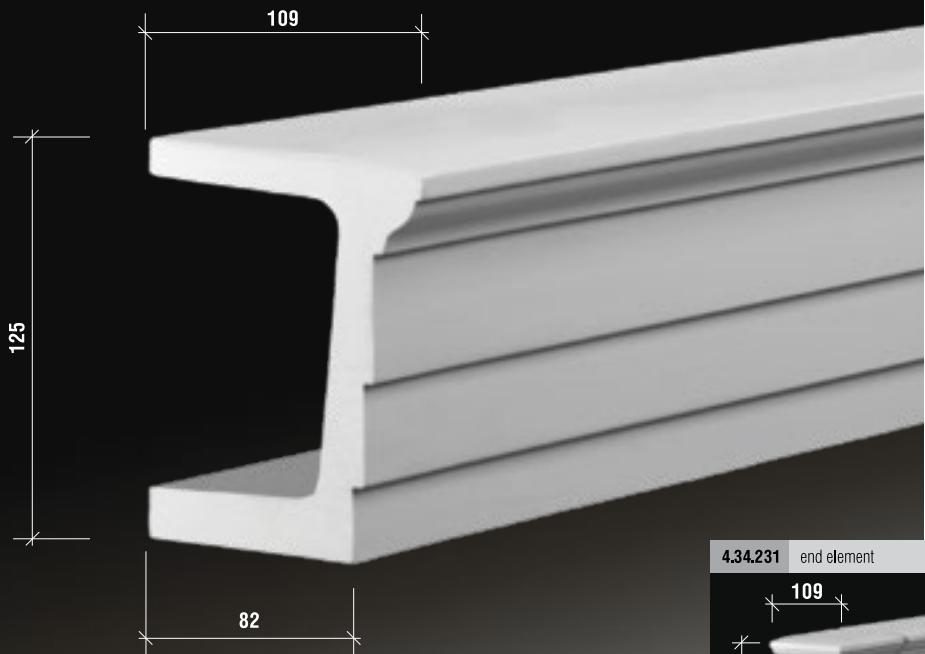
reglet depth 8 mm

**4.34.132** end element

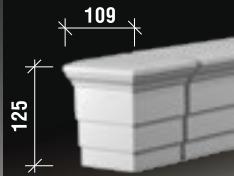
# architraves

4.34.201 architrave

architrave length 2 meters



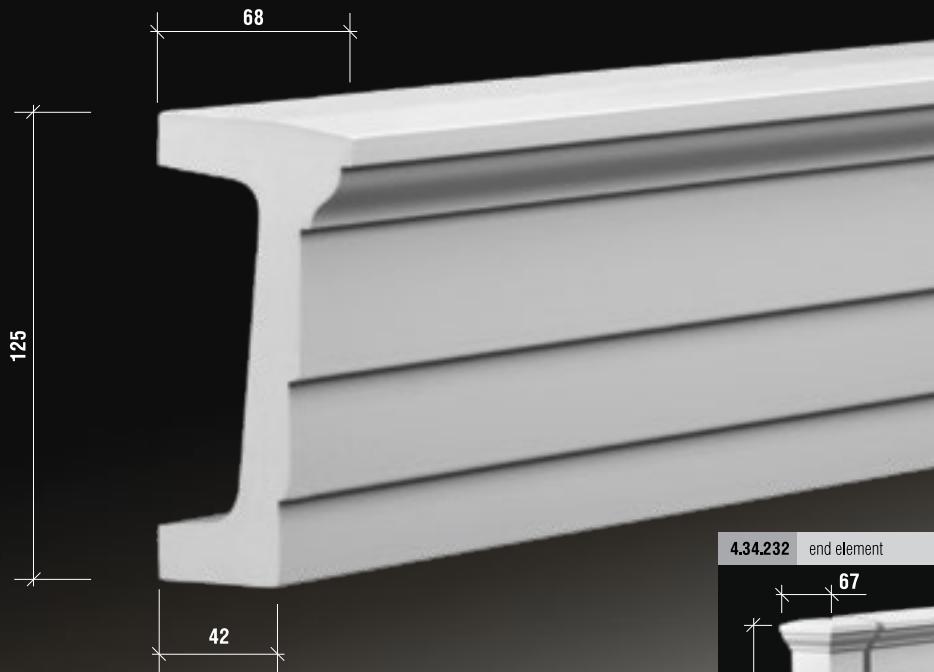
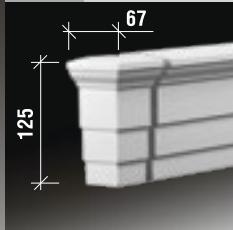
4.34.231 end element



dimensions in millimeters

**4.34.202** architrave

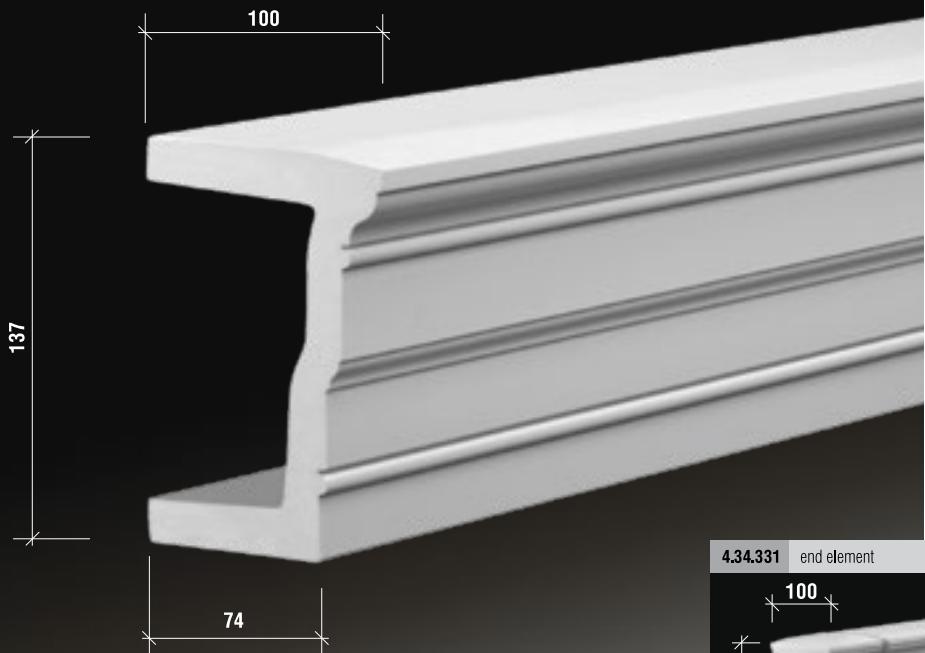
architrave length 2 meters

**4.34.232** end element

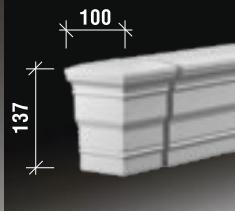
# architraves

4.34.301 architrave

architrave length 2 meters



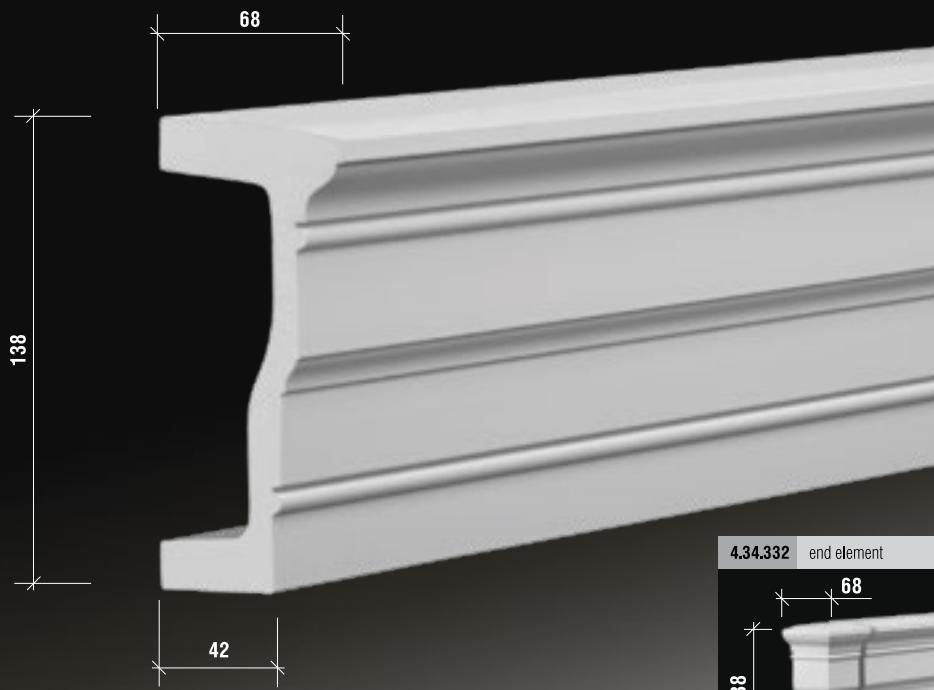
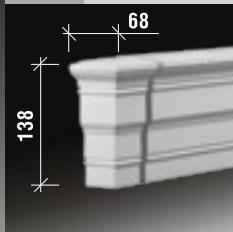
4.34.331 end element



dimensions in millimeters

**4.34.302** architrave

architrave length 2 meters

**4.34.332** end element



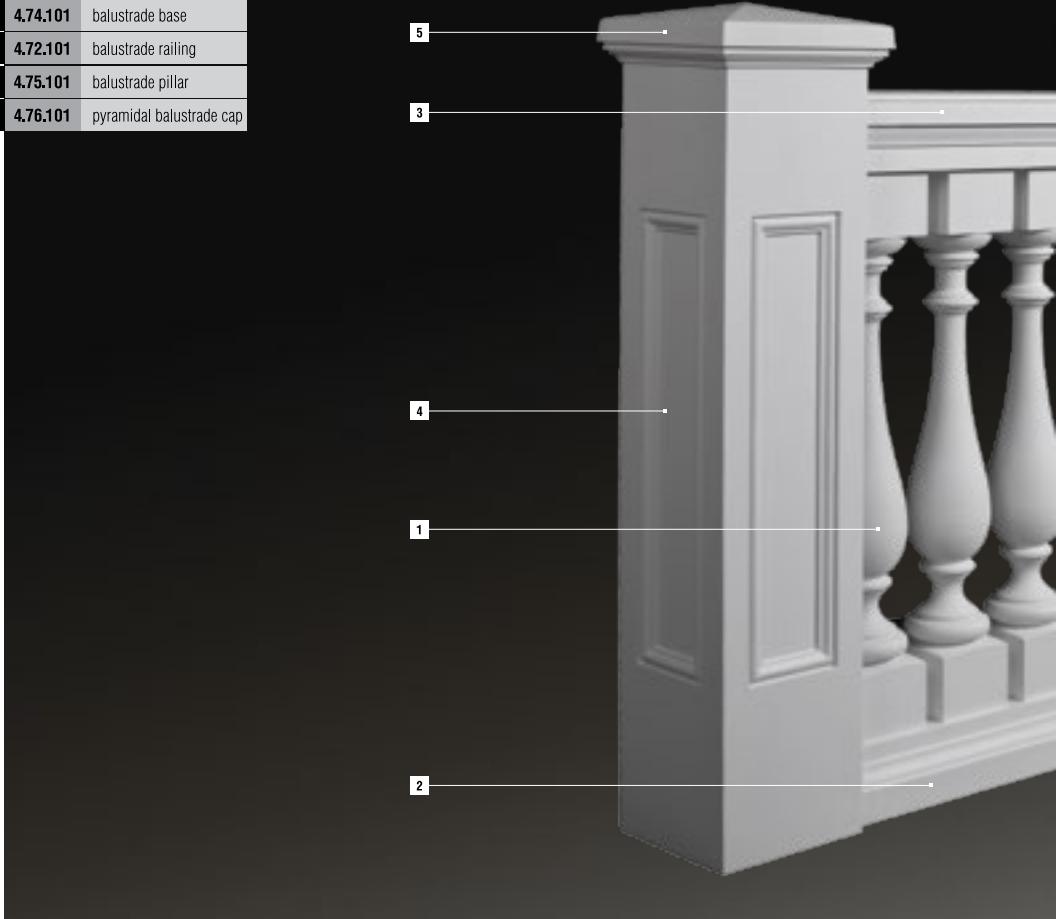
## **balustrades**

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balusters, balustrade pillars	86,90
balustrade bases, balustrade railings, caps	87,91
half balusters, balustrade half pillars	88,92
balustrade half bases, balustrade half railings, half caps	89,93

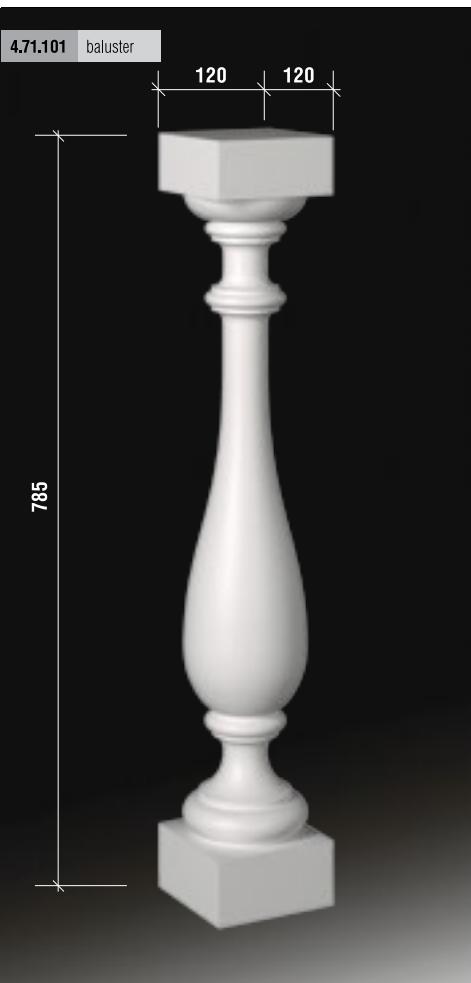
## balustrades

1	<b>4.71.101</b>	baluster
2	<b>4.74.101</b>	balustrade base
3	<b>4.72.101</b>	balustrade railing
4	<b>4.75.101</b>	balustrade pillar
5	<b>4.76.101</b>	pyramidal balustrade cap





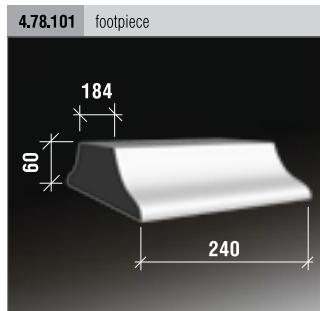
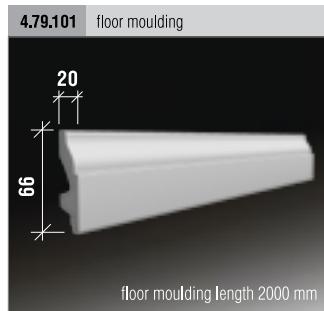
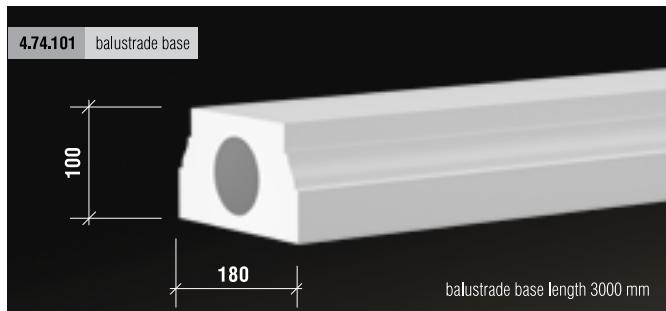
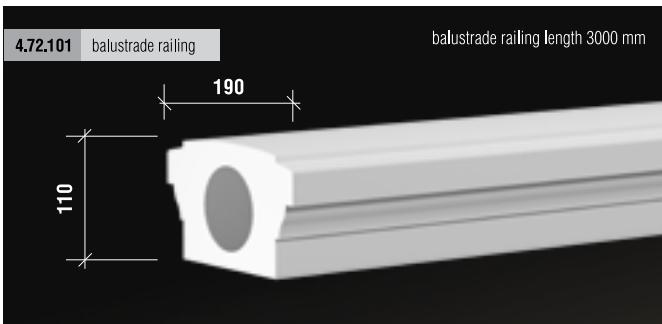
## balusters/balustrade pillars



dimensions in millimeters

## balustrade bases, balustrade railings, balustrade caps

balustrades



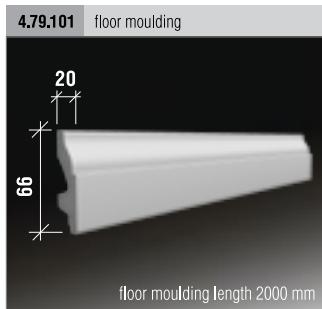
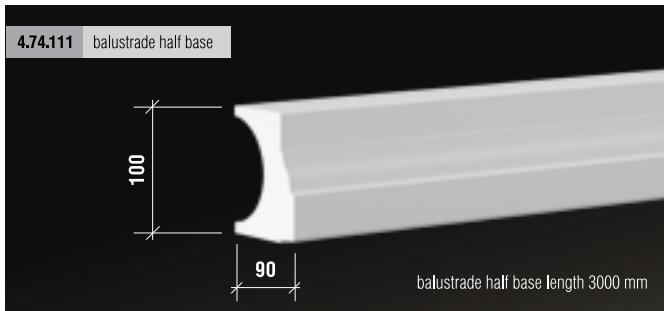
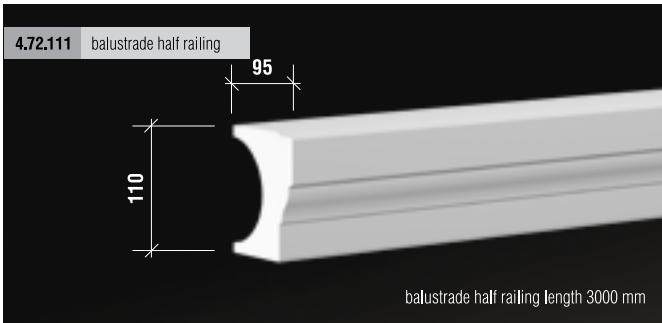
## half balusters, half balustrade pillars



dimensions in millimeters

## half balustrade base, half balustrade railings, half cap

balustrades



## balusters/balustrade pillars



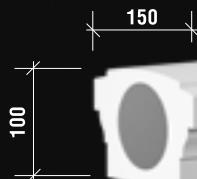
dimensions in millimeters

## balustrade base, balustrade railings, balustrade cap

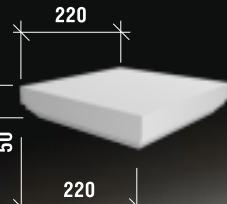
balustrades

4.72.201 balustrade railing

balustrade railing length 3000 mm



4.73.201 cap

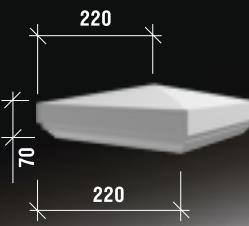


4.74.201 balustrade base

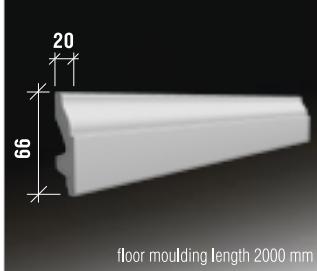
balustrade base length 3000 mm



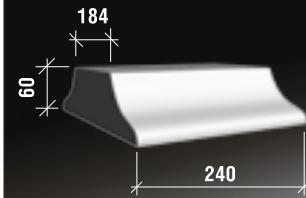
4.76.201 pyramidal balustrade cap



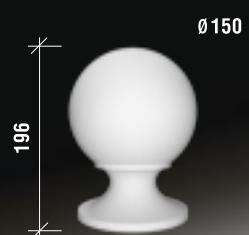
4.79.101 floor moulding



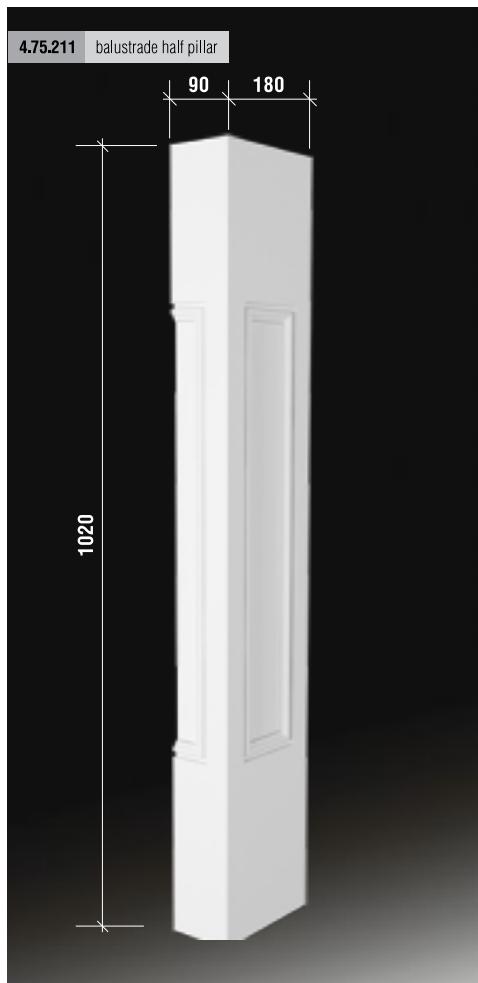
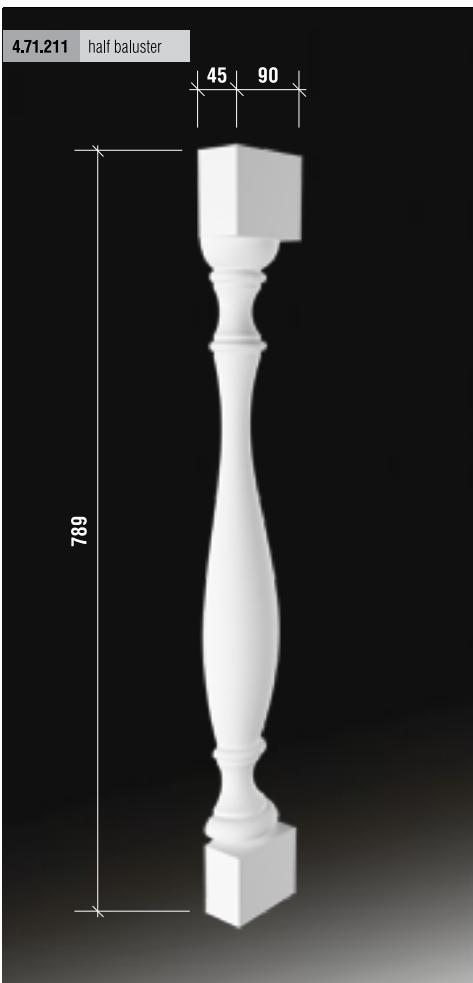
4.78.101 footpiece



4.77.201 ball shaped balustrade cap



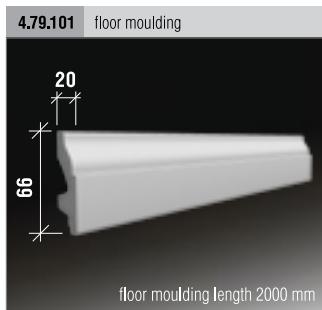
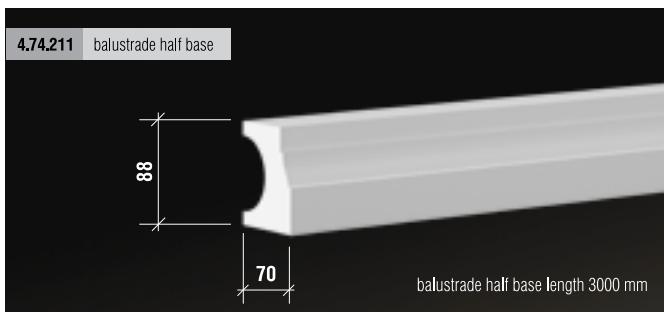
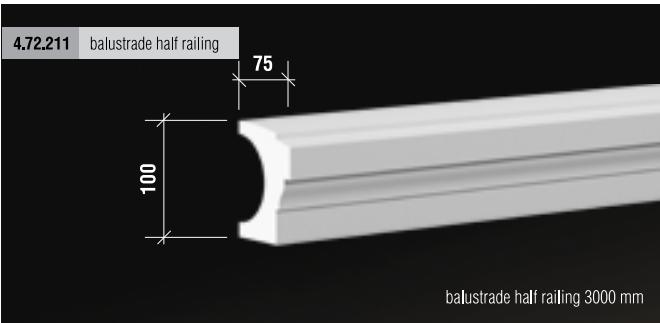
## half balusters, half balustrade pillars



dimensions in millimeters

## half balustrade base, half balustrade railings, half cap

balustrades





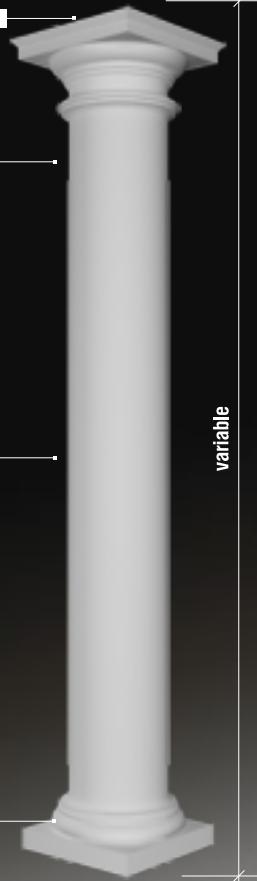
## **columns**

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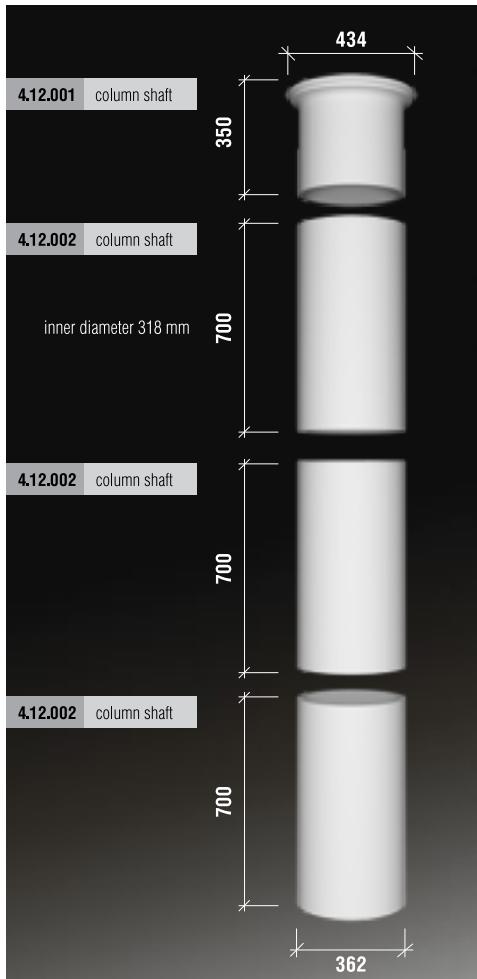
columns	96
half columns	124

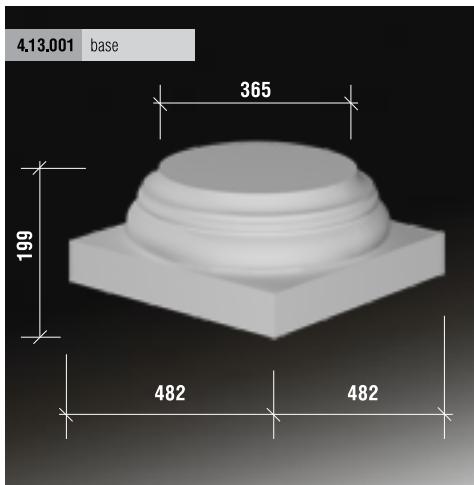
## columns

1	4.11.102	capital
2	4.12.001	column shaft
3	4.12.002	column shaft
4	4.13.001	base



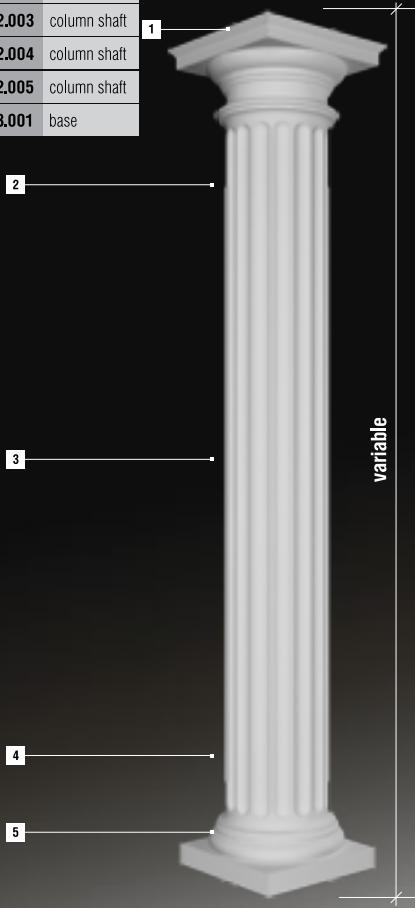
dimensions in millimeters



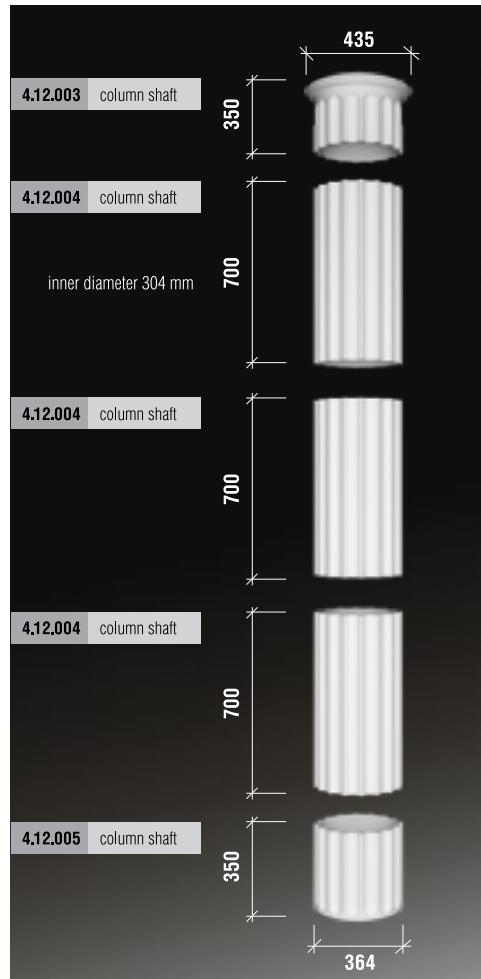


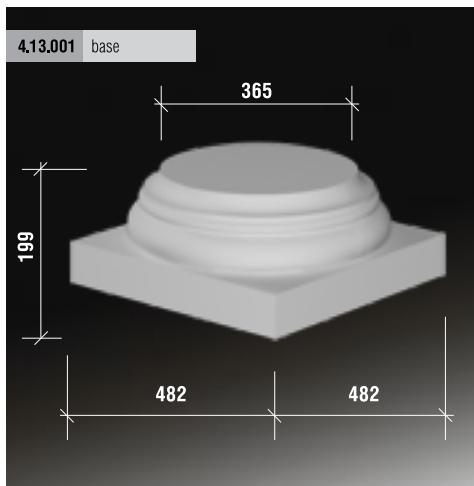
## columns

1	4.11.102	capital
2	4.12.003	column shaft
3	4.12.004	column shaft
4	4.12.005	column shaft
5	4.13.001	base



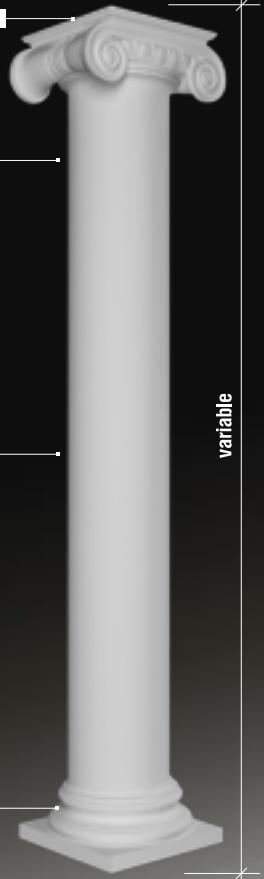
dimensions in millimeters



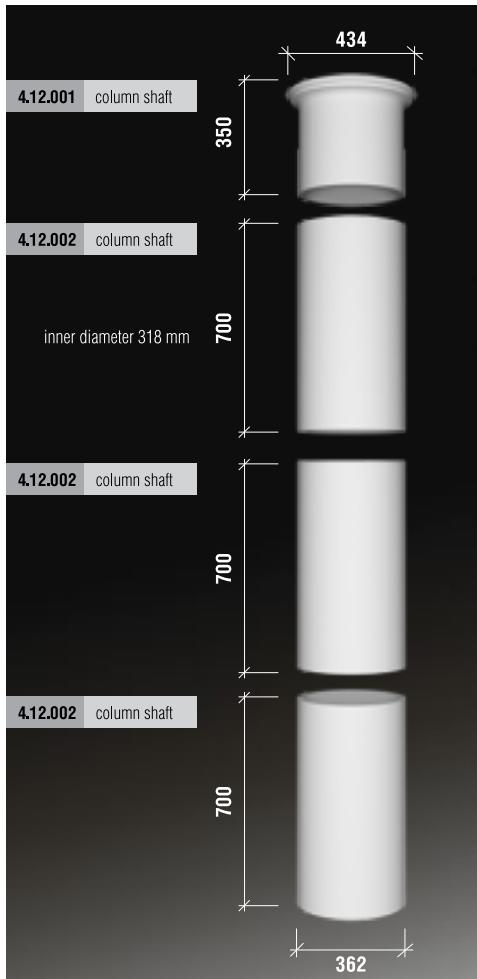


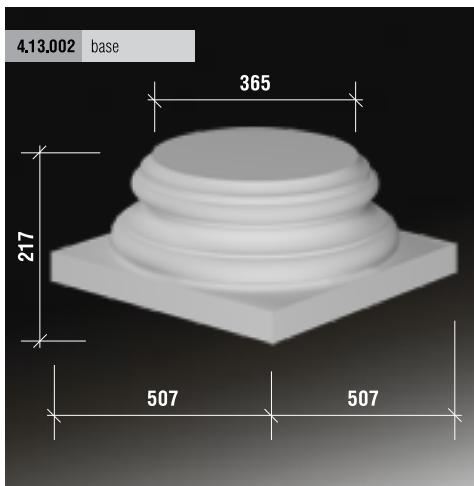
## columns

1	4.11.202	capital
2	4.12.001	column shaft
3	4.12.002	column shaft
4	4.13.002	base



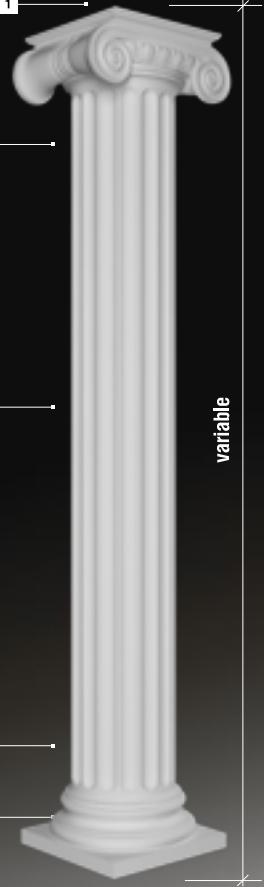
dimensions in millimeters



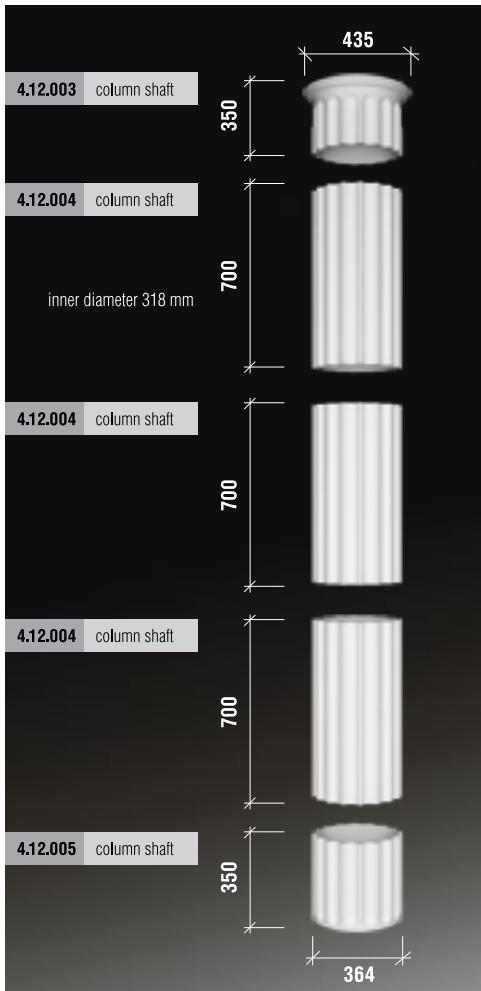


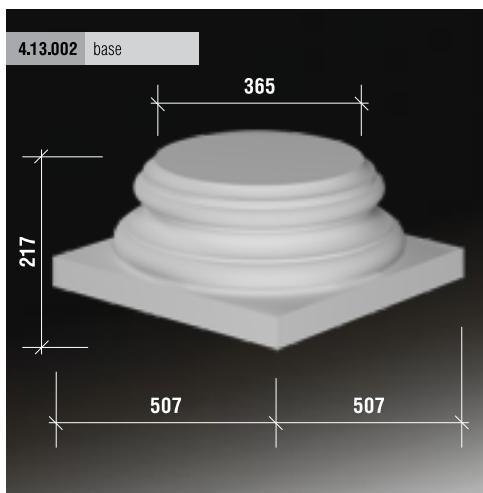
## columns

1	4.11.202	capital
2	4.12.003	column shaft
3	4.12.004	column shaft
4	4.12.005	column shaft
5	4.13.002	base



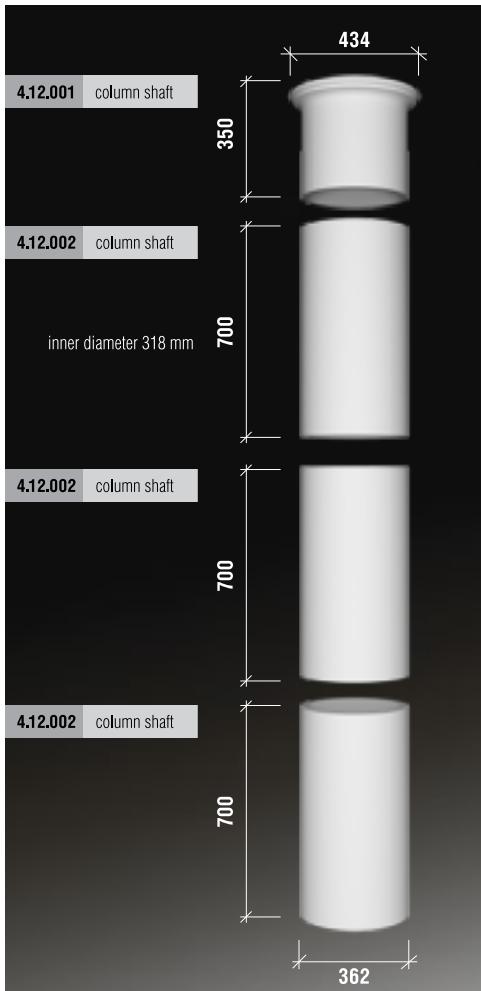
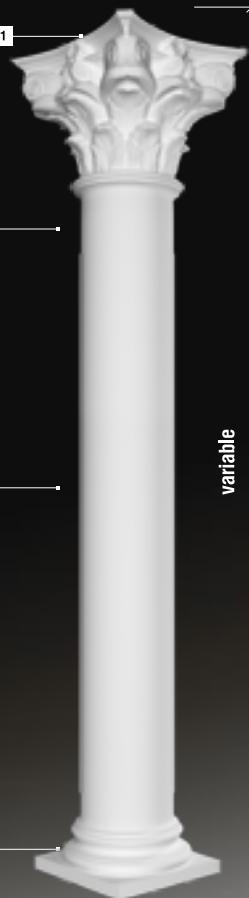
dimensions in millimeters



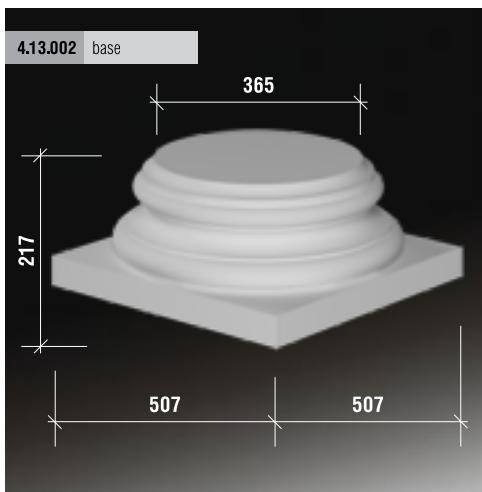
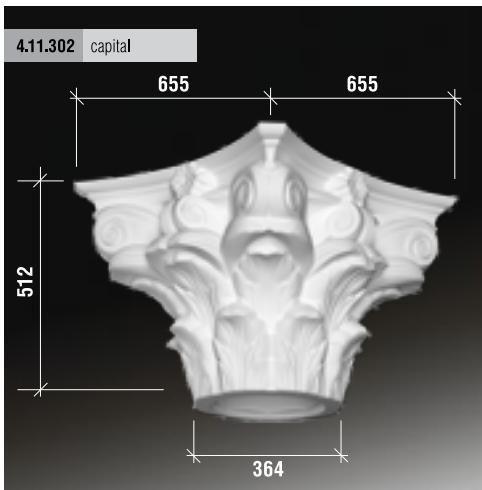


## columns

1	4.11.302	capital
2	4.12.001	column shaft
3	4.12.002	column shaft
4	4.13.002	base

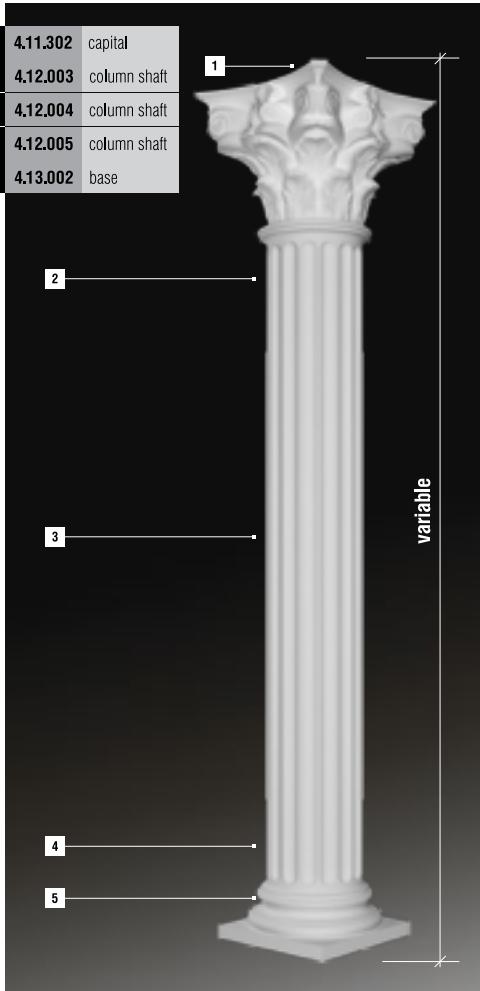


dimensions in millimeters

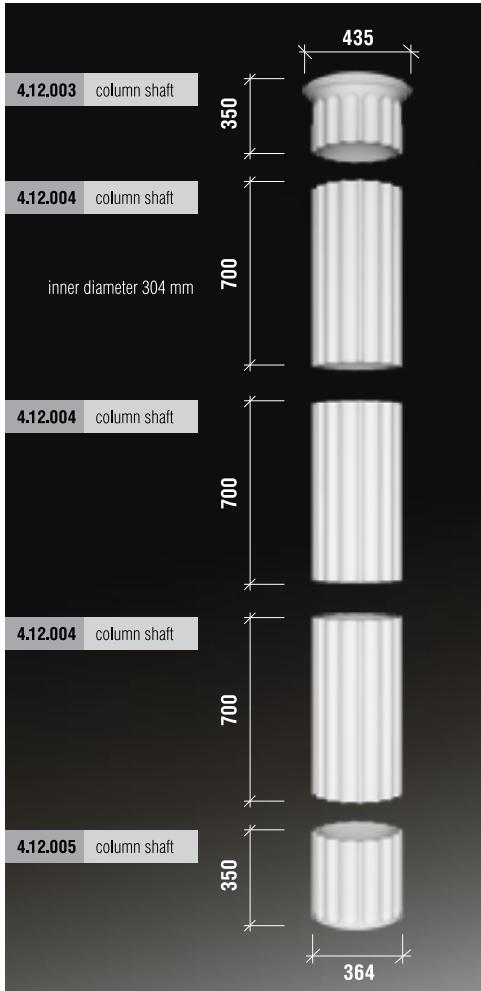


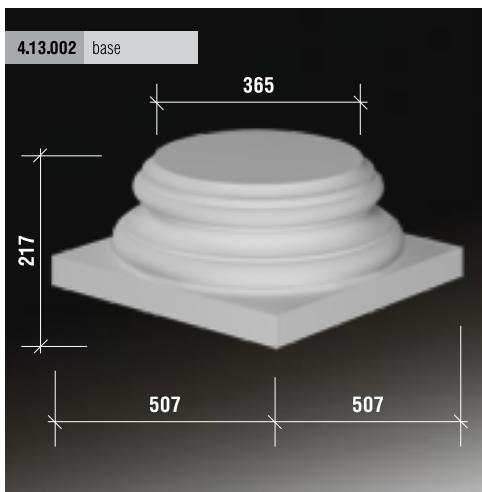
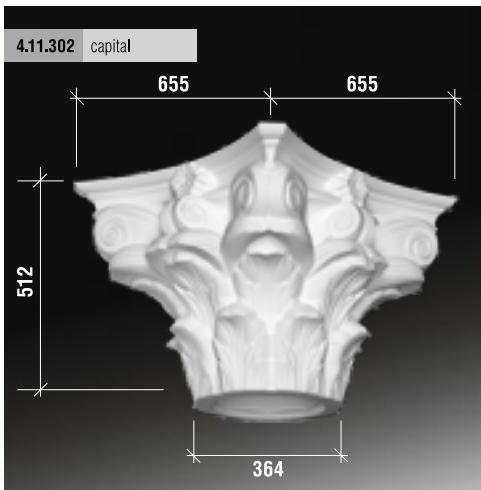
## columns

1	4.11.302	capital
2	4.12.003	column shaft
3	4.12.004	column shaft
4	4.12.005	column shaft
5	4.13.002	base



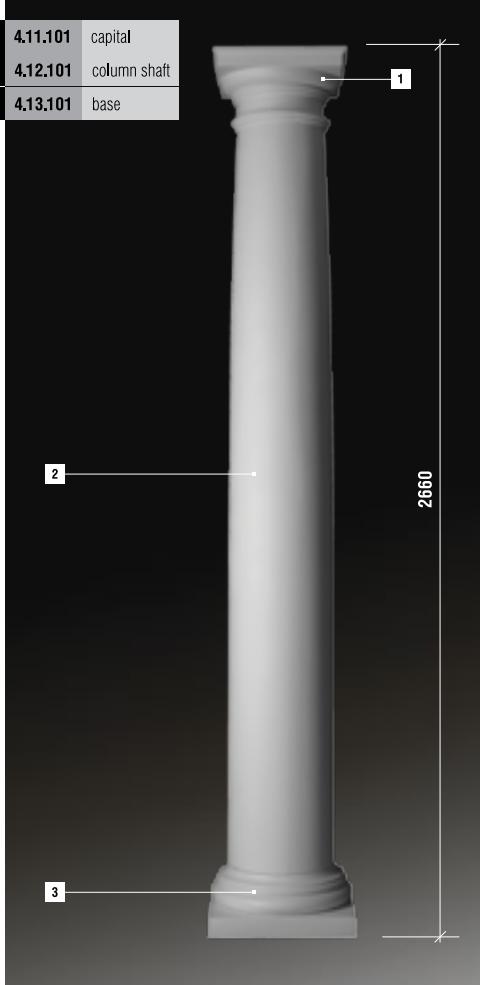
dimensions in millimeters



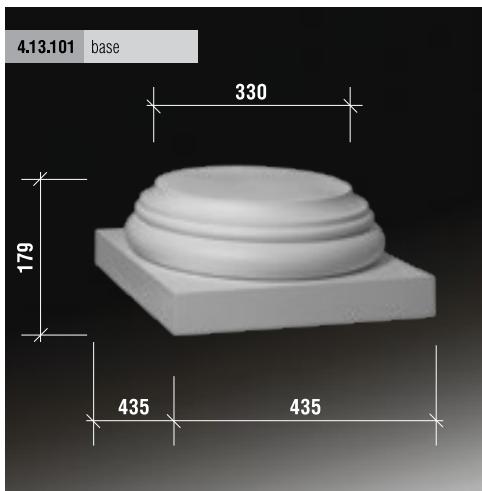


## columns

1	4.11.101	capital
2	4.12.101	column shaft
3	4.13.101	base

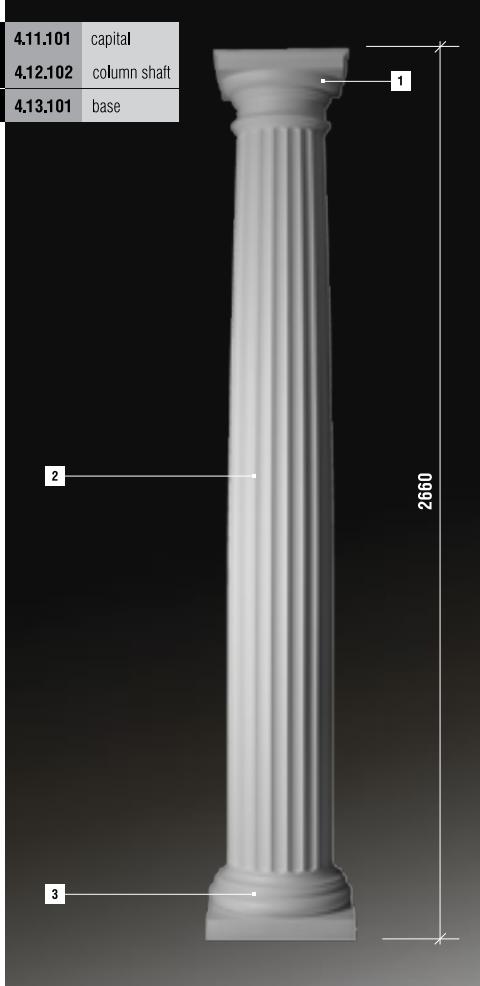


dimensions in millimeters

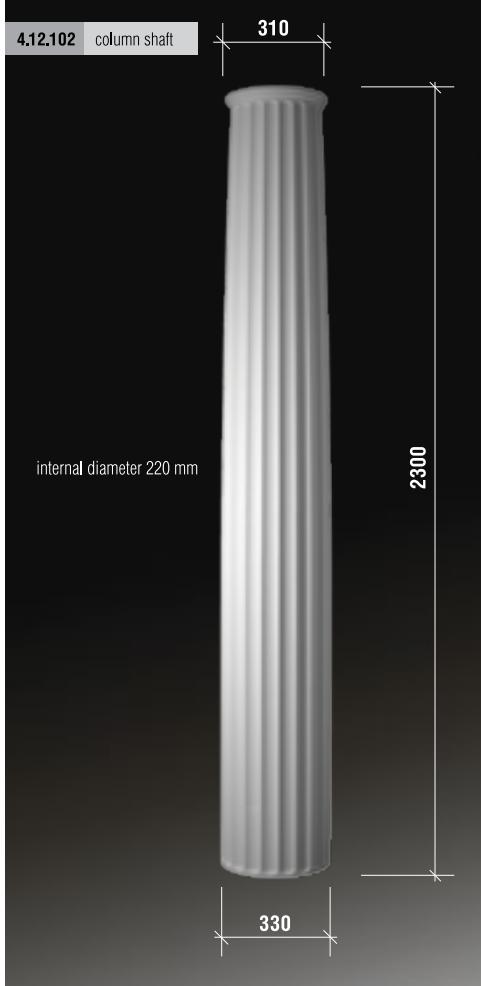


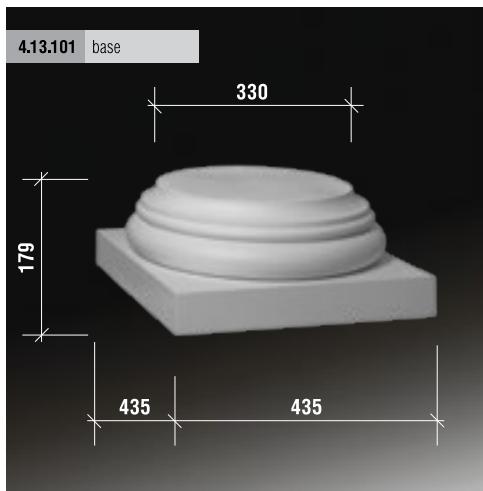
## columns

1	4.11.101	capital
2	4.12.102	column shaft
3	4.13.101	base



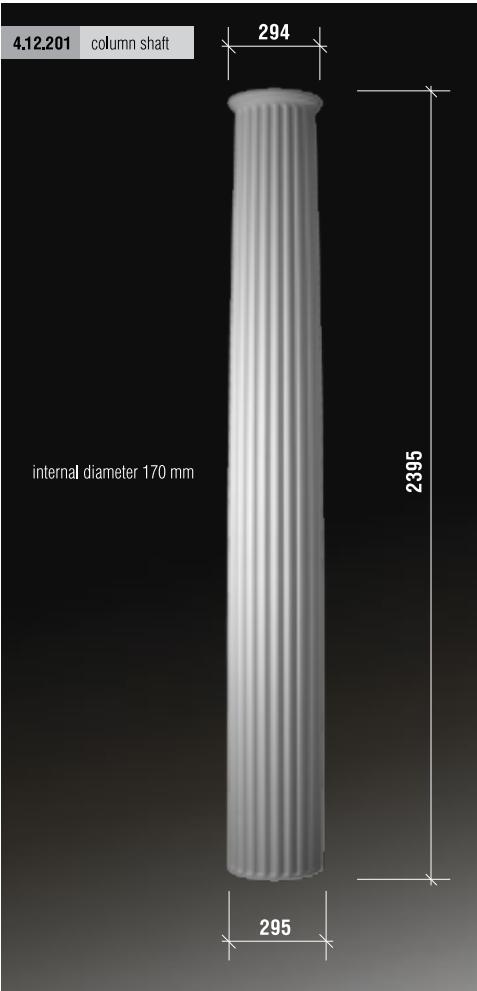
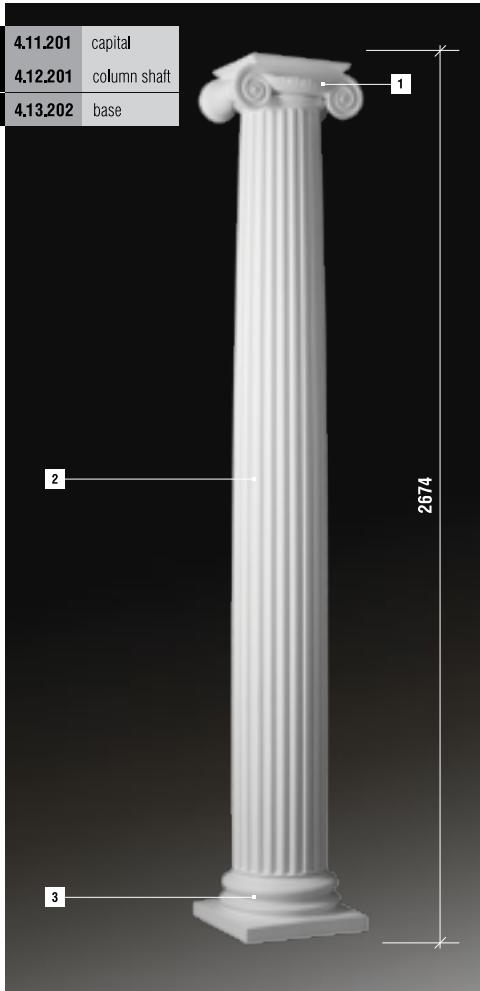
dimensions in millimeters



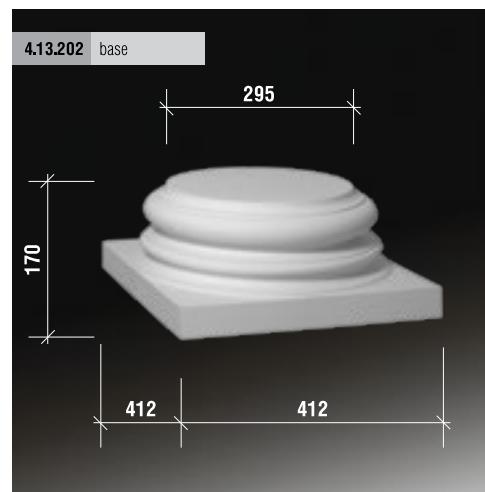


## columns

1	4.11.201	capital
2	4.12.201	column shaft
3	4.13.202	base

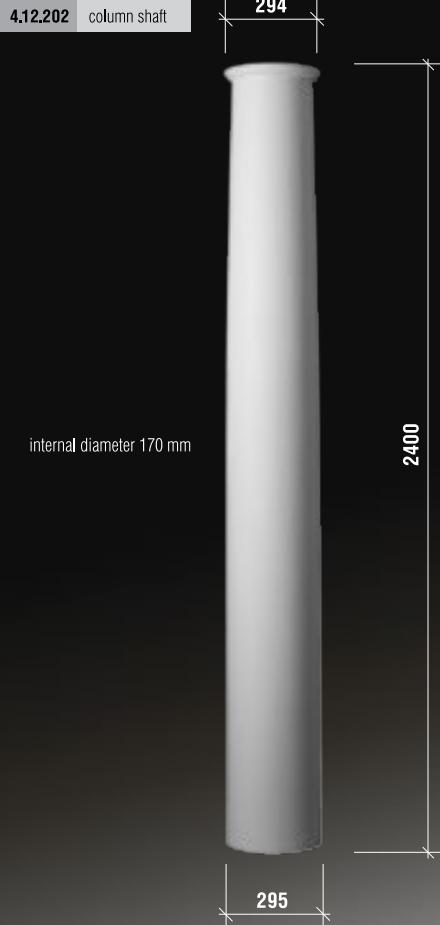
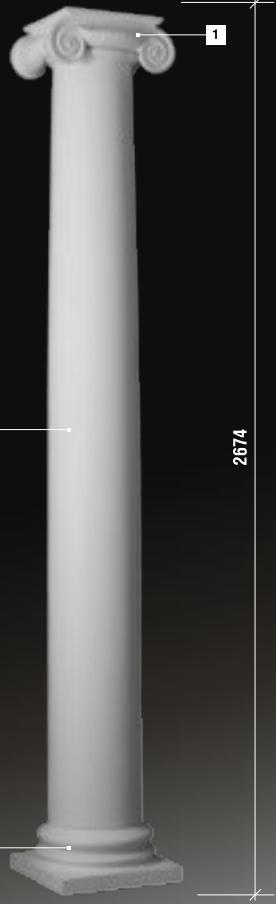


dimensions in millimeters

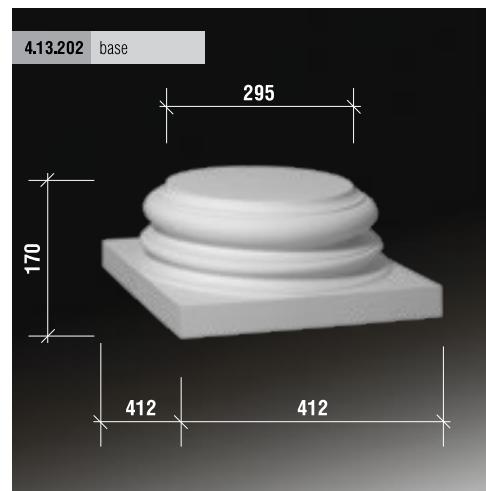


## columns

1	4.11.201	capital
2	4.12.202	column shaft
3	4.13.202	base

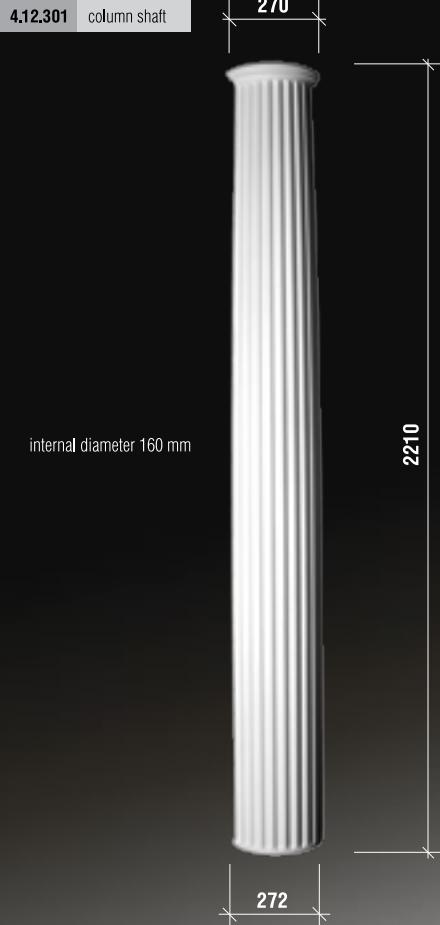
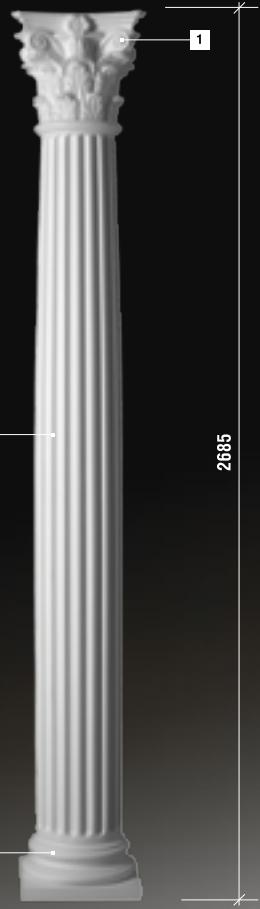


dimensions in millimeters

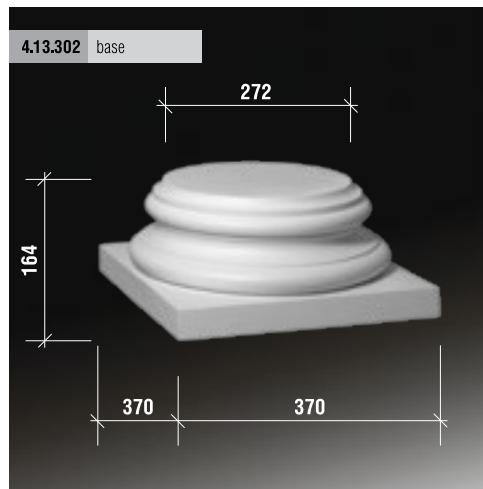


## columns

1	4.11.301	capital
2	4.12.301	column shaft
3	4.13.302	base

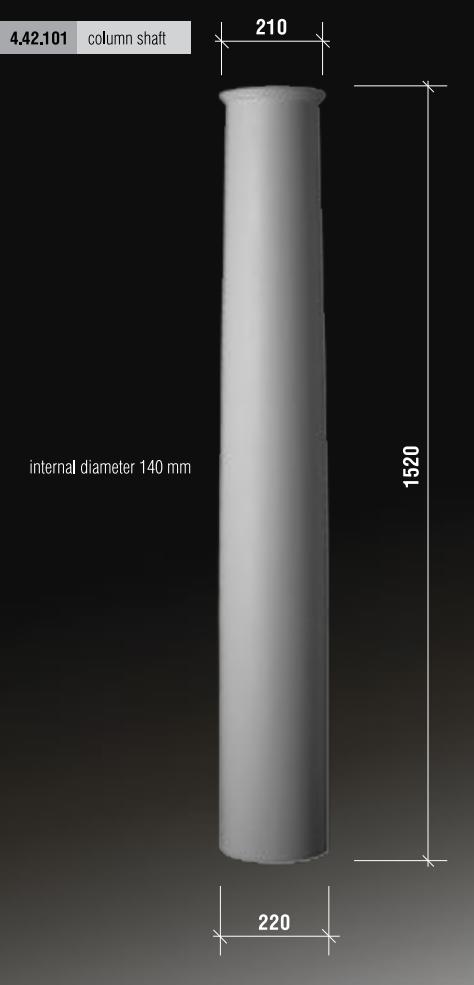


dimensions in millimeters

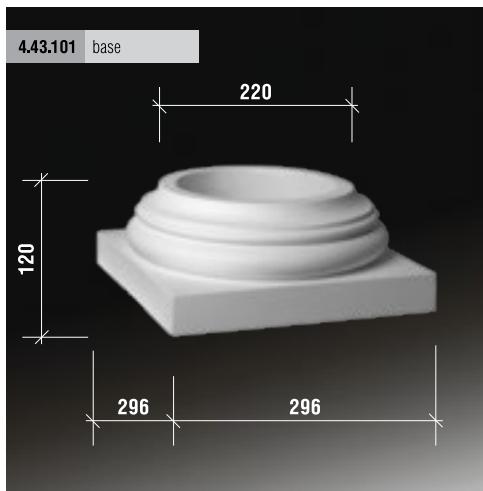


## columns

1	4.41.101	capital
2	4.42.101	column shaft
3	4.43.101	base

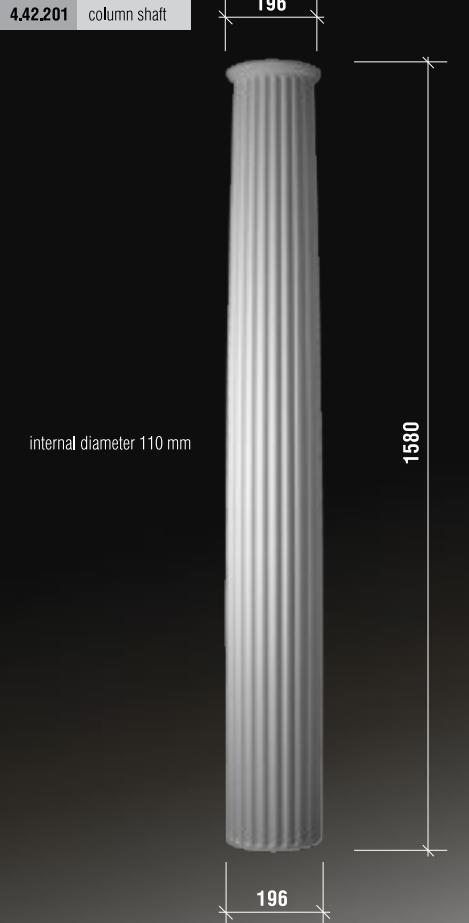
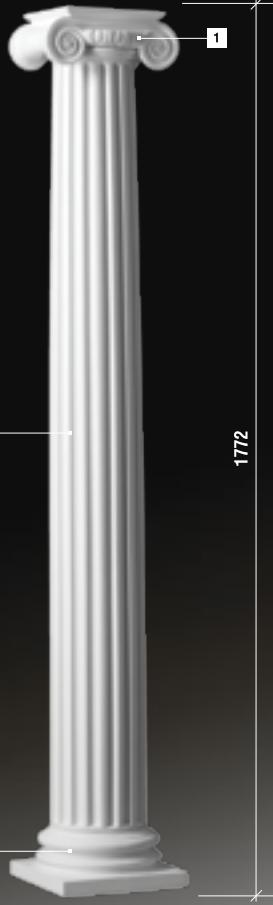


dimensions in millimeters

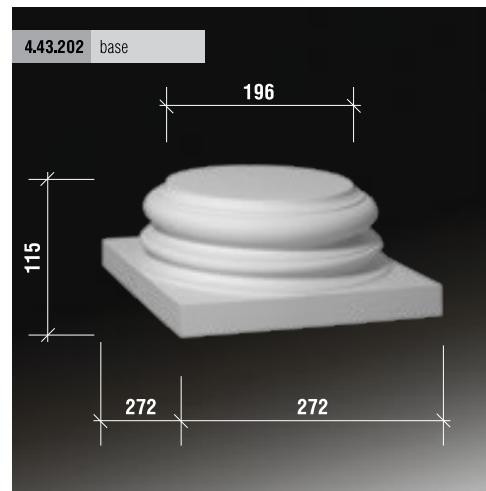


## columns

1	4.41.201	capital
2	4.42.201	column shaft
3	4.43.202	base

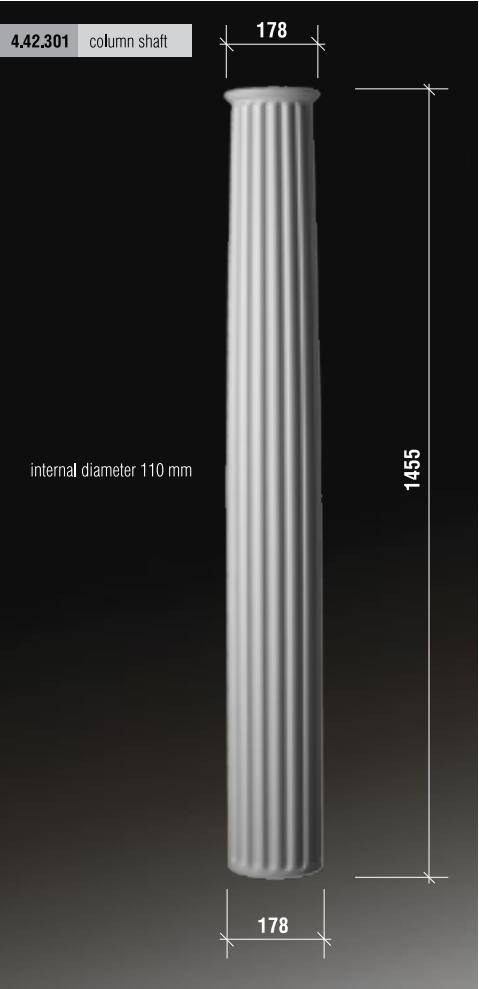
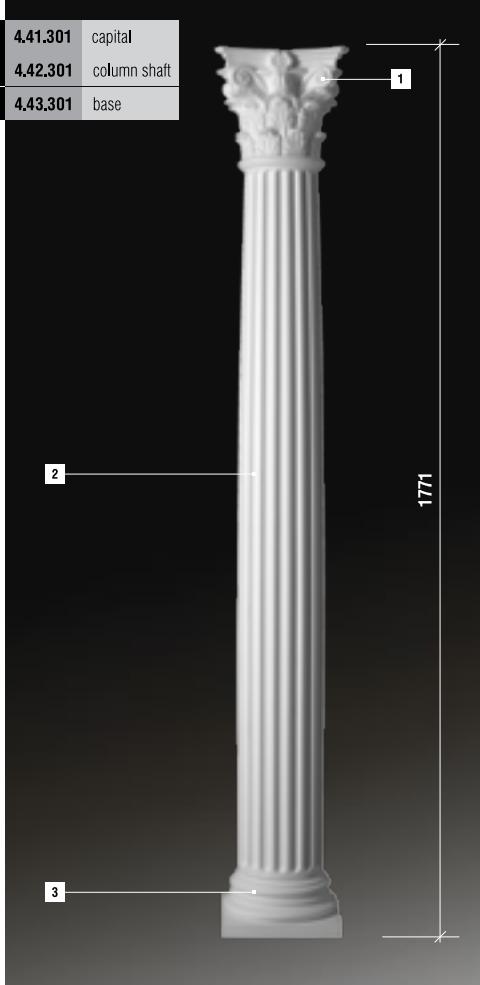


dimensions in millimeters

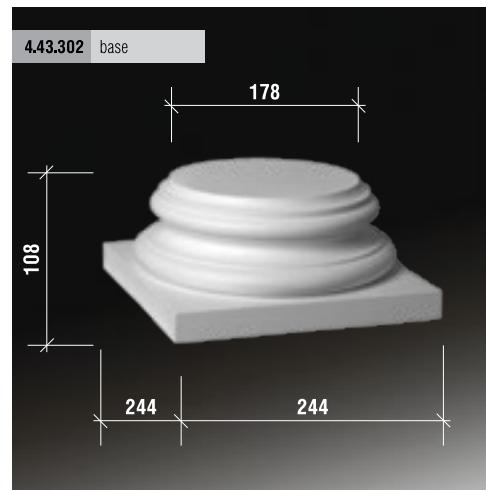
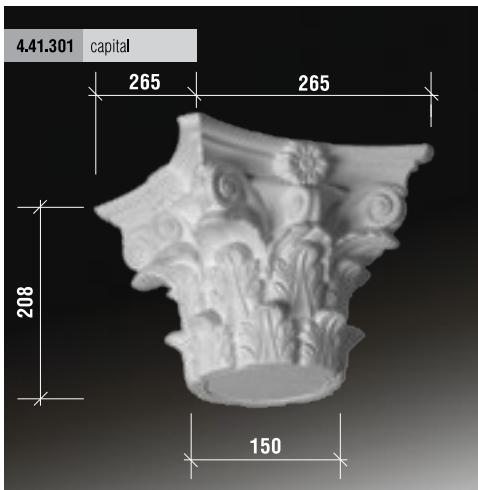


## columns

1	4.41.301	capital
2	4.42.301	column shaft
3	4.43.301	base

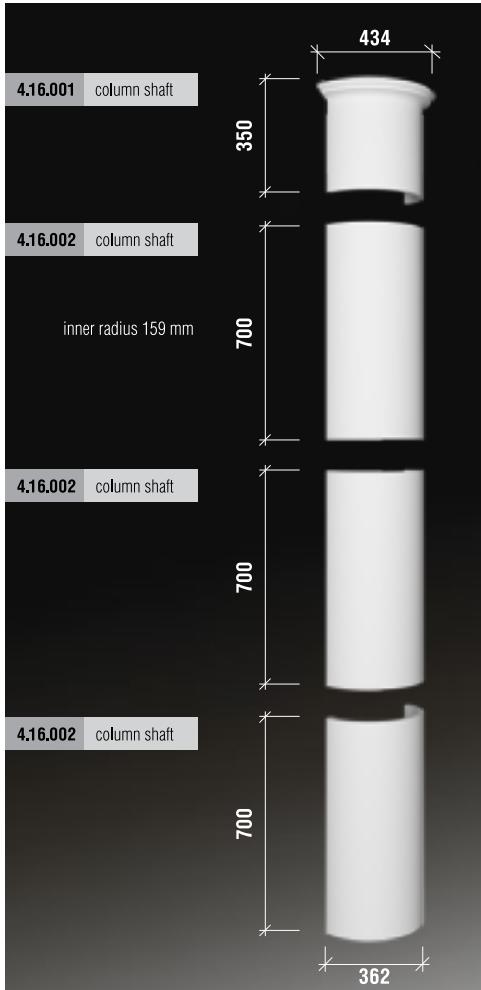
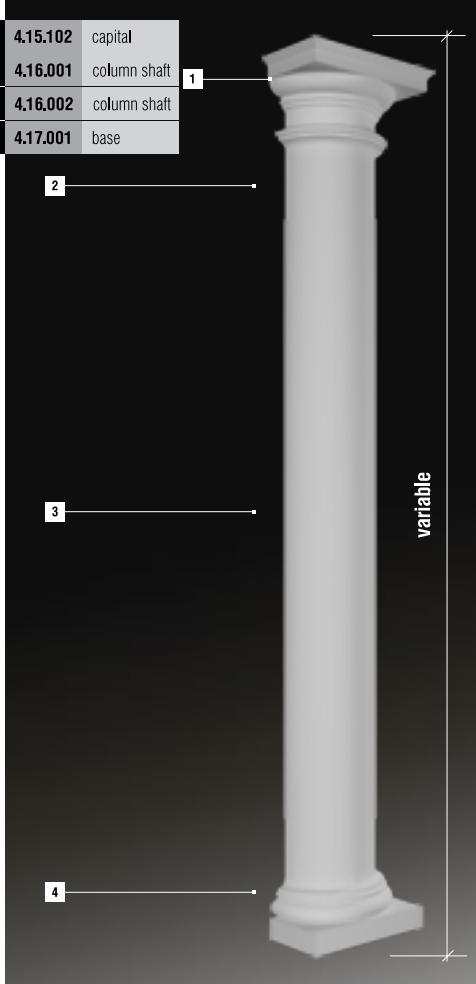


dimensions in millimeters

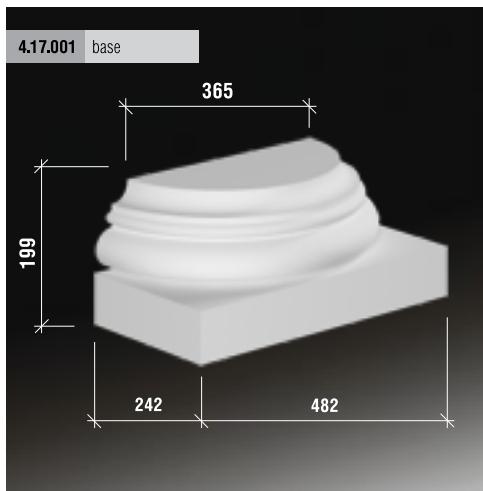


## half columns

1	4.15.102	capital
2	4.16.001	column shaft
3	4.16.002	column shaft
4	4.17.001	base



dimensions in millimeters



## half columns

1	4.15.102	capital
2	4.16.003	column shaft
3	4.16.004	column shaft
4	4.16.005	column shaft
5	4.17.001	base

1

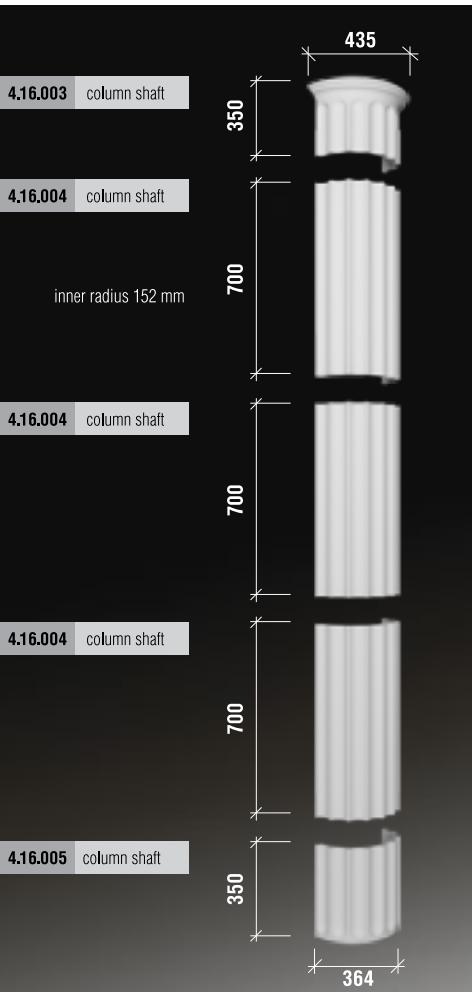
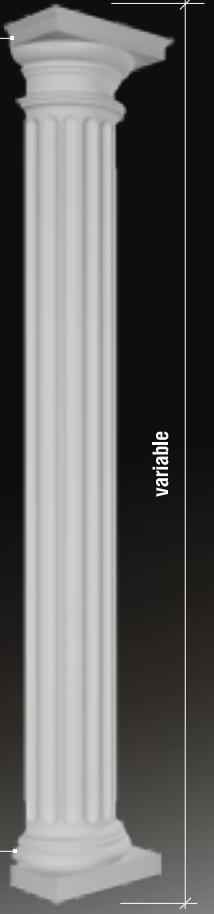
2

3

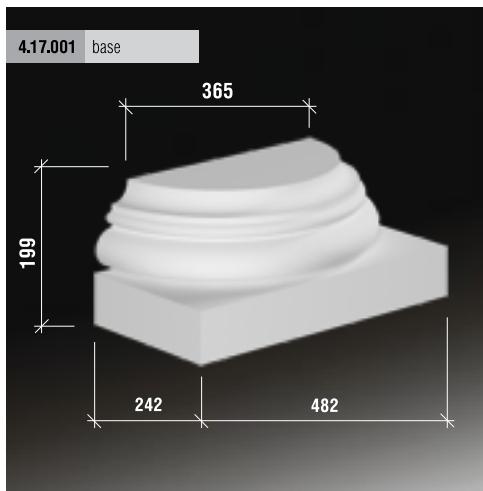
4

5

variable

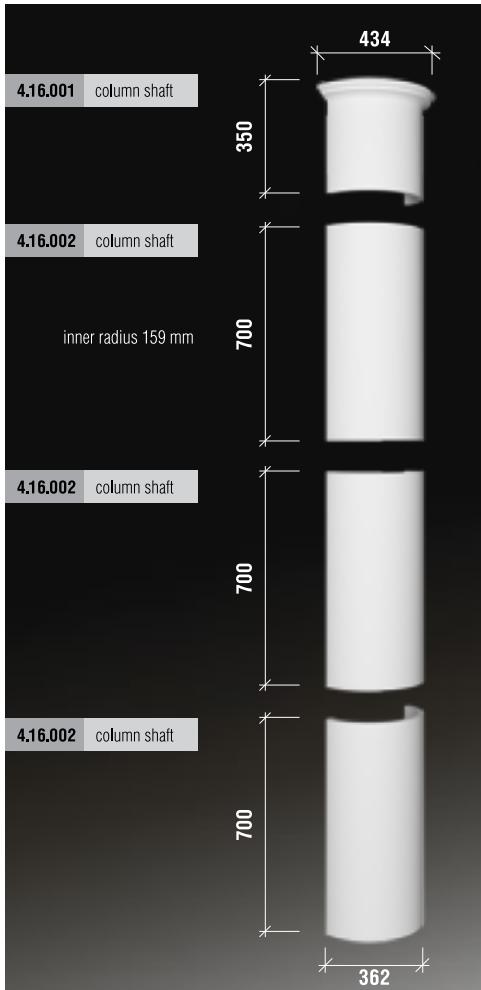
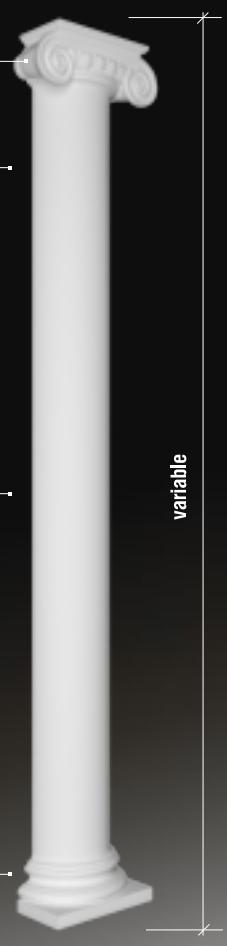


dimensions in millimeters

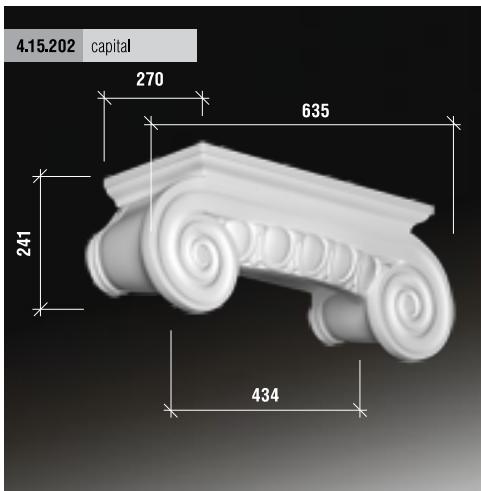


## half columns

1	4.15.202	capital
2	4.16.001	column shaft
3	4.16.002	column shaft
4	4.17.002	base

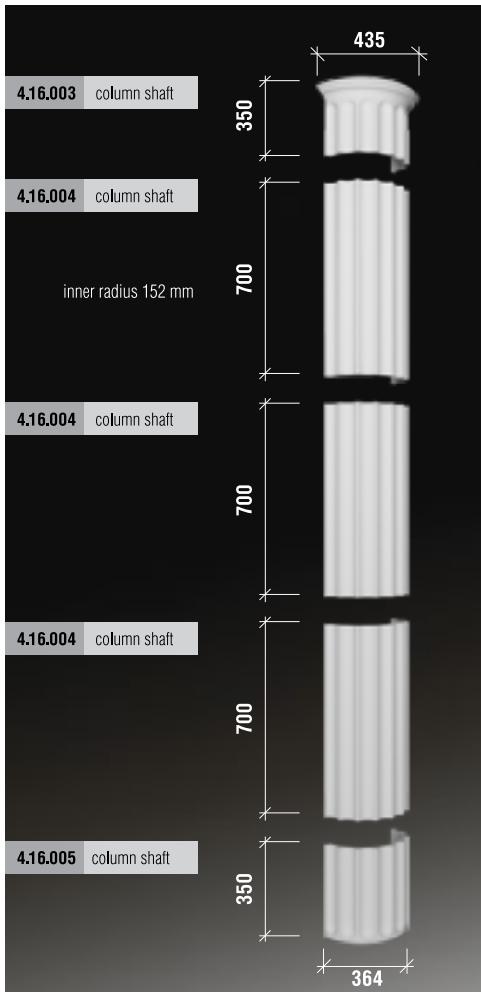
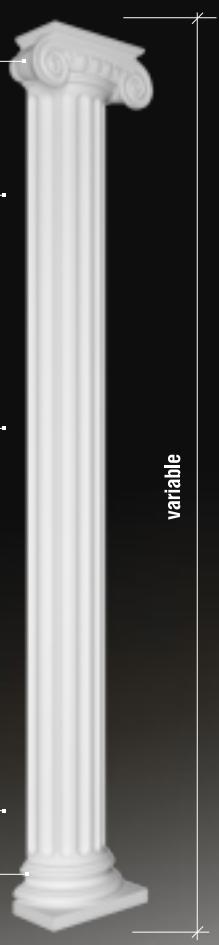


dimensions in millimeters

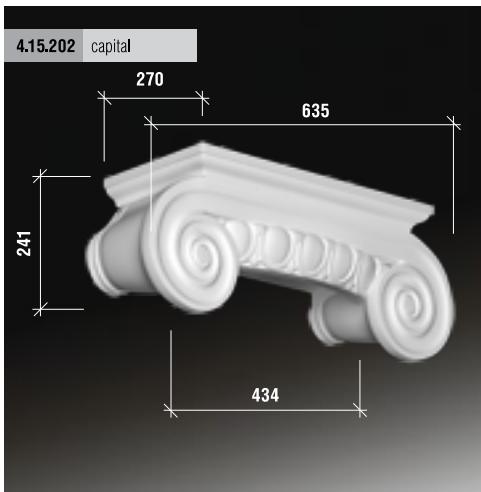


## half columns

1	4.15.202	capital
2	4.16.003	column shaft
3	4.16.004	column shaft
4	4.16.005	column shaft
5	4.17.002	base

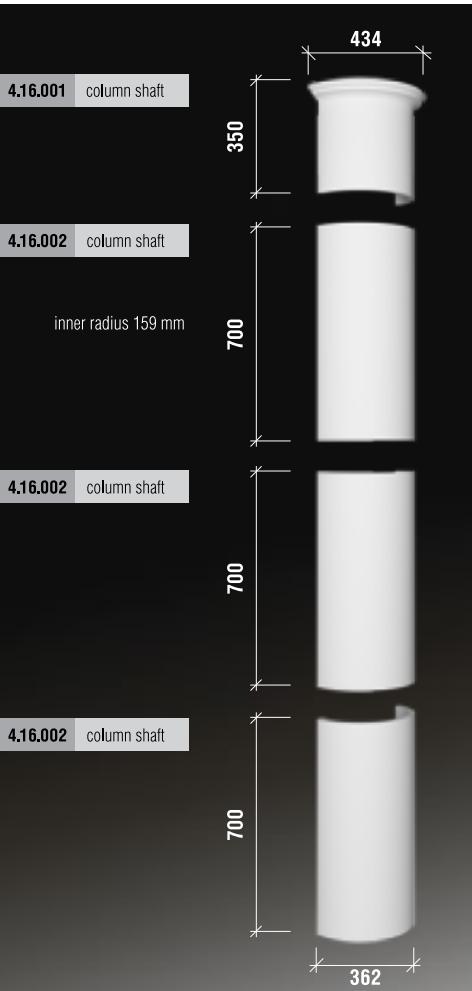
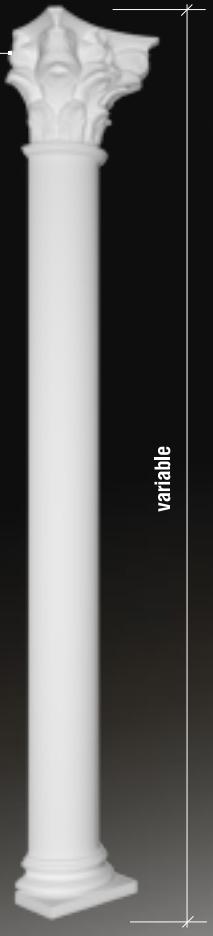


dimensions in millimeters

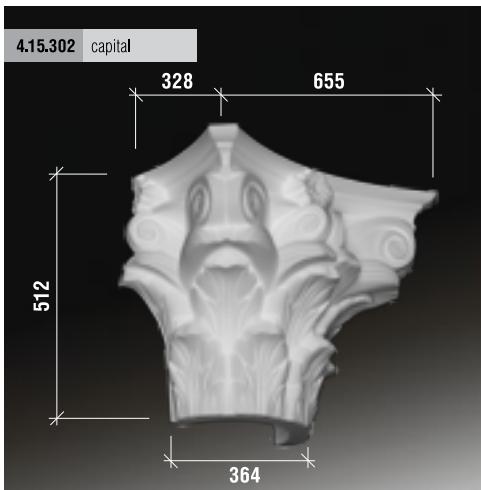


## half columns

1	4.15.302	capital
2	4.16.001	column shaft
3	4.16.002	column shaft
4	4.17.002	base

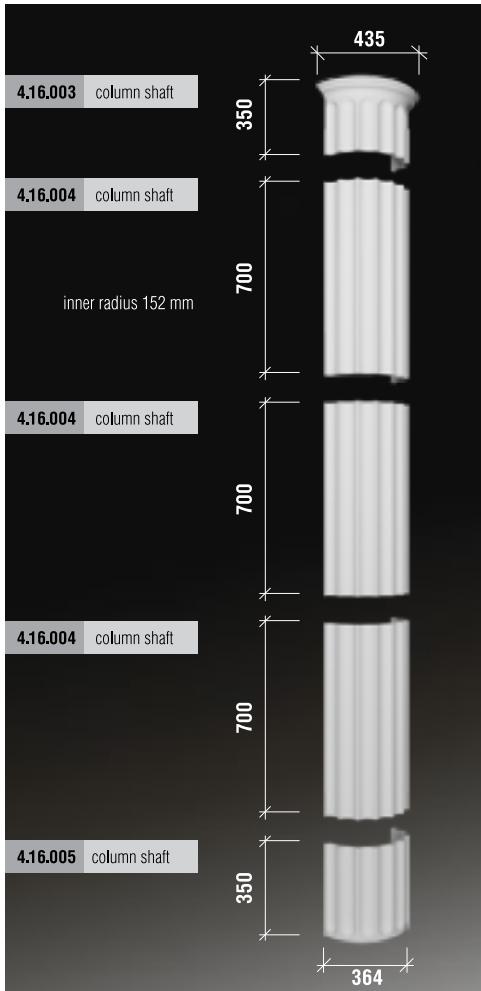


dimensions in millimeters

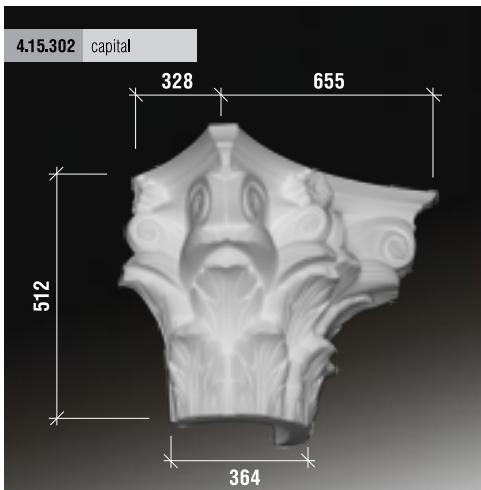


## half columns

1	4.15.302	capital
2	4.16.003	column shaft
3	4.16.004	column shaft
4	4.16.005	column shaft
5	4.17.002	base

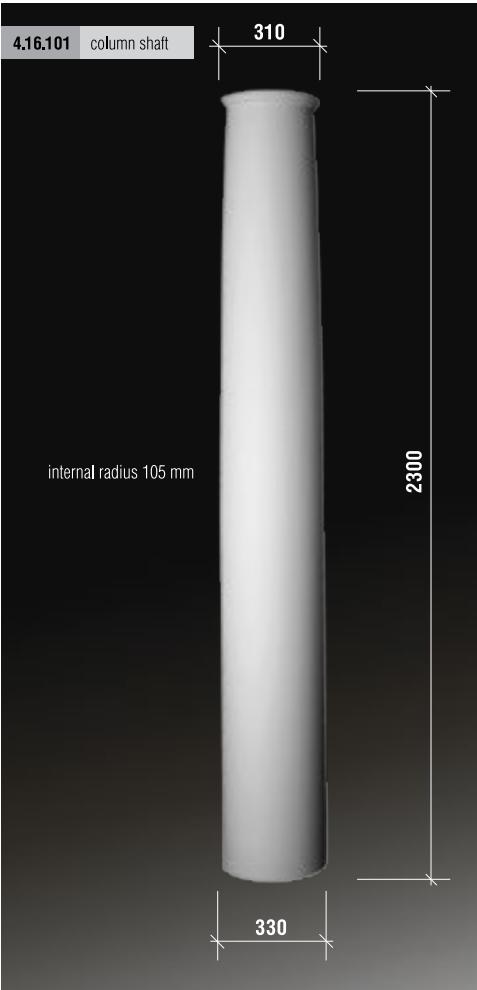
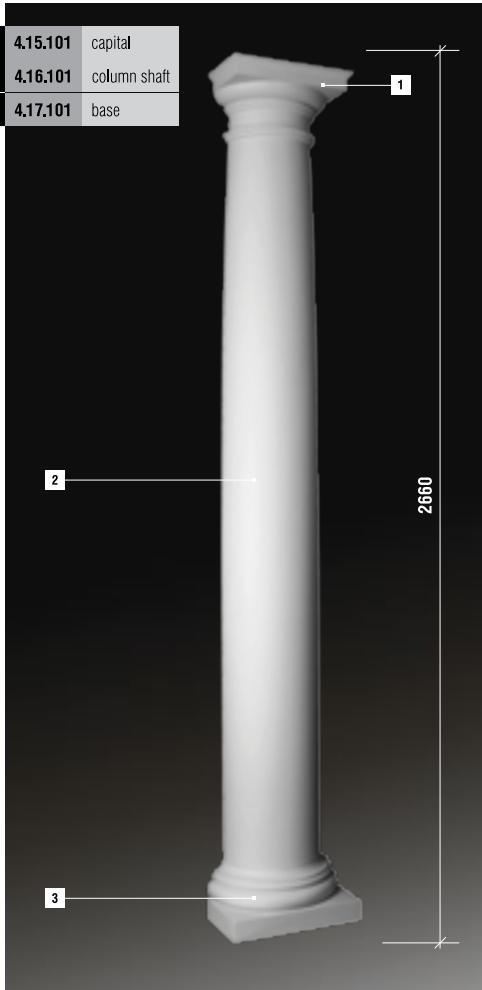


dimensions in millimeters

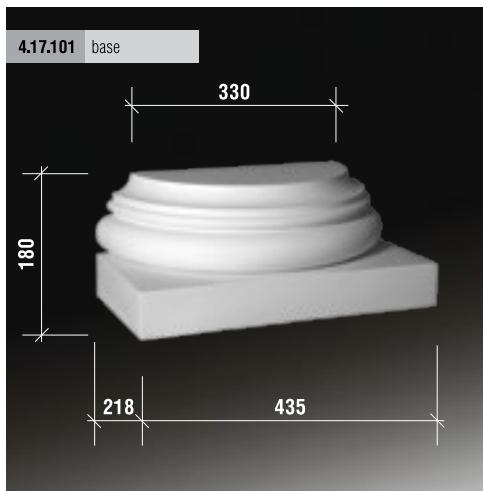


## half columns

1	4.15.101	capital
2	4.16.101	column shaft
3	4.17.101	base

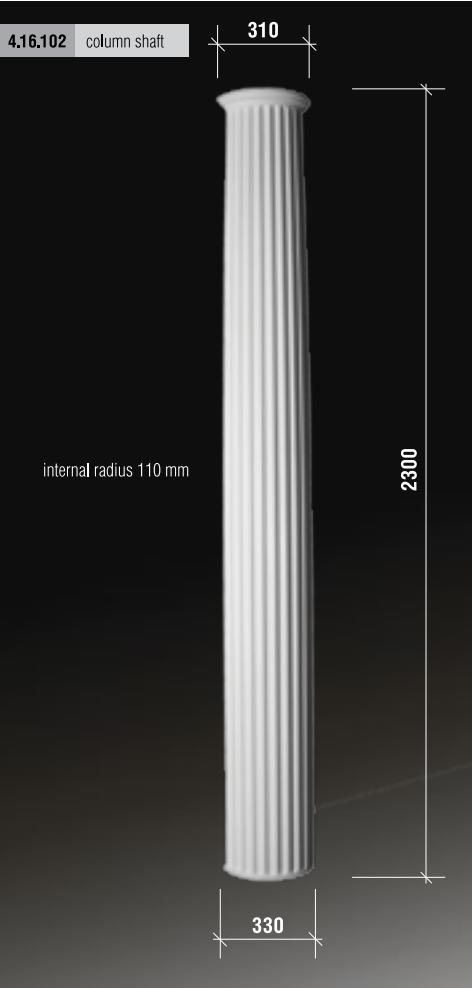


dimensions in millimeters

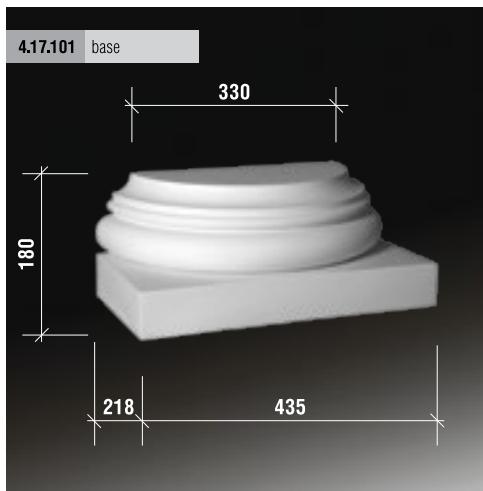


## half columns

1	4.15.101	capital
2	4.16.102	column shaft
3	4.17.101	base

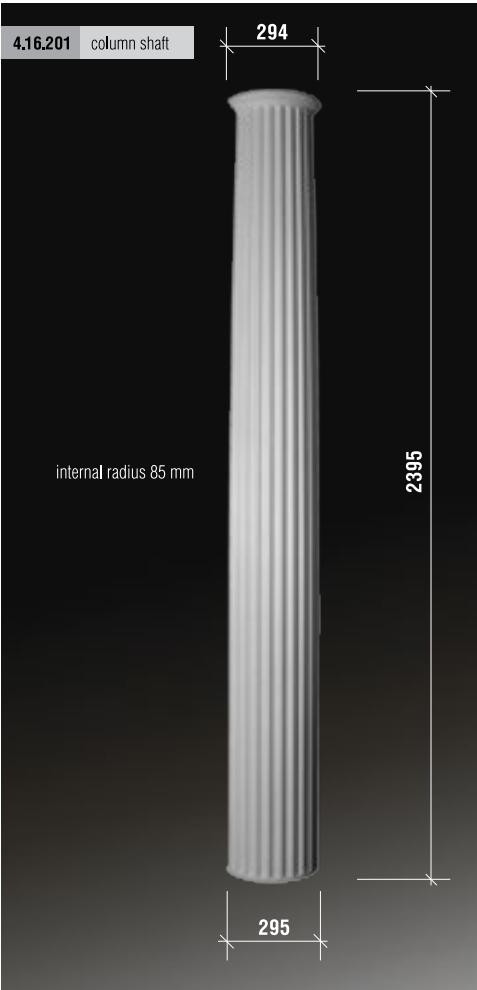
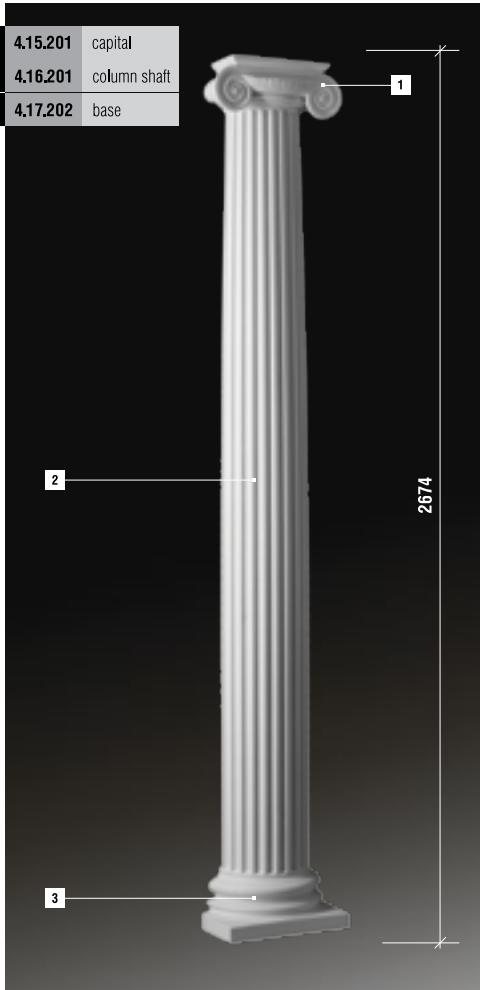


dimensions in millimeters

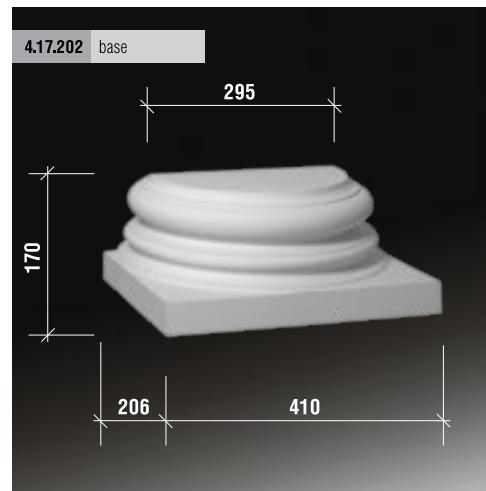
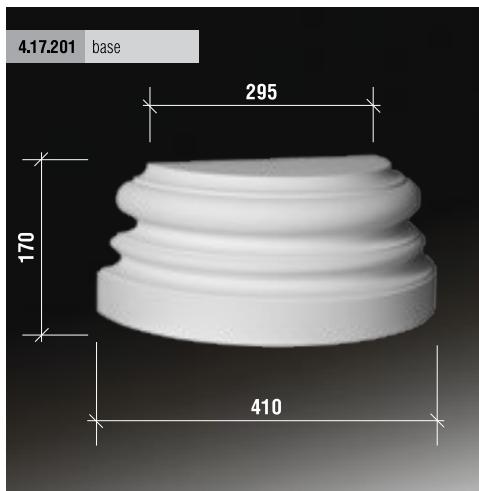


## half columns

1	4.15.201	capital
2	4.16.201	column shaft
3	4.17.202	base

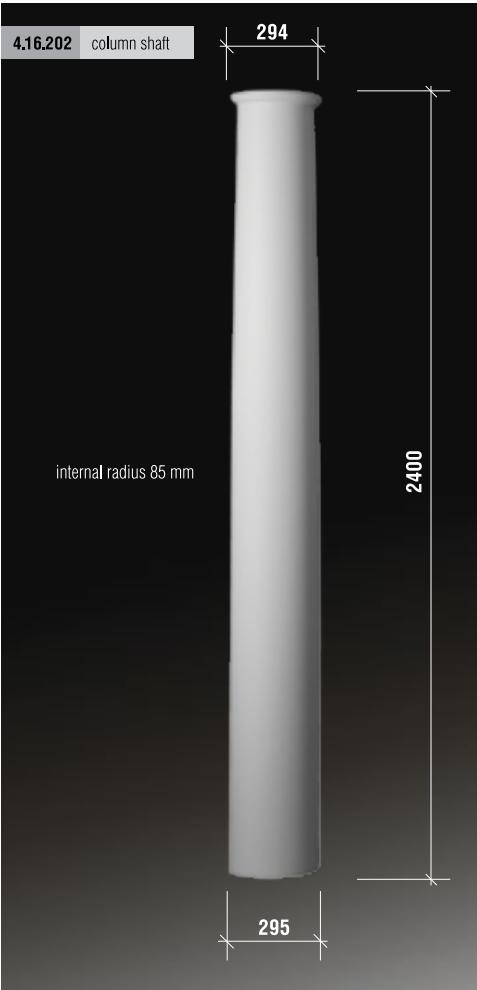
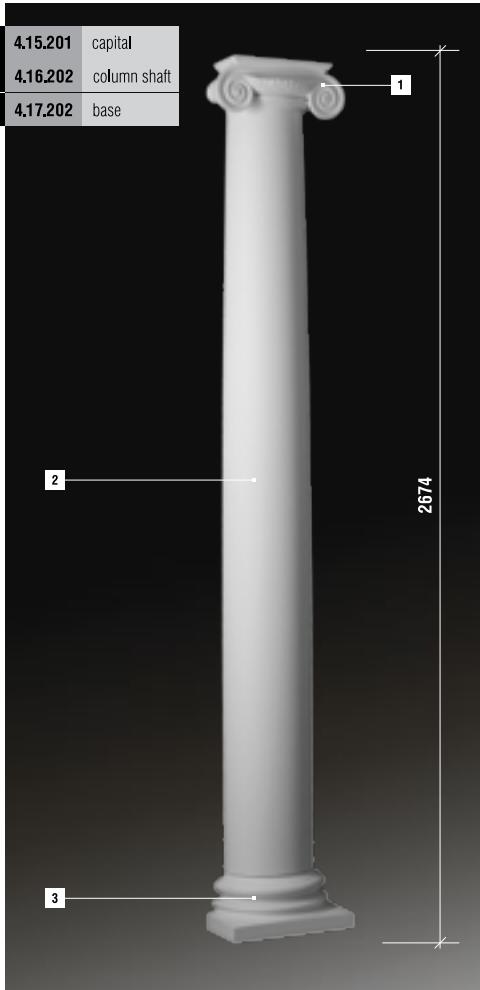


dimensions in millimeters



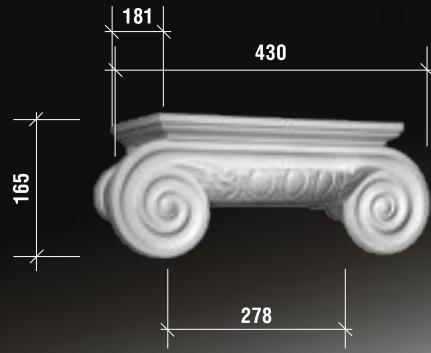
## half columns

1	4.15.201	capital
2	4.16.202	column shaft
3	4.17.202	base

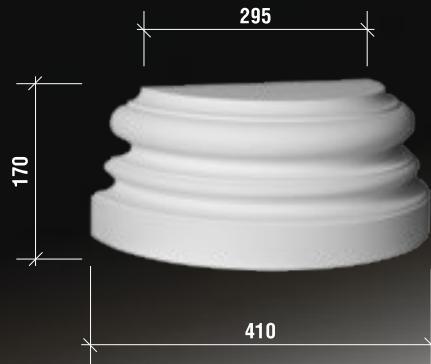


dimensions in millimeters

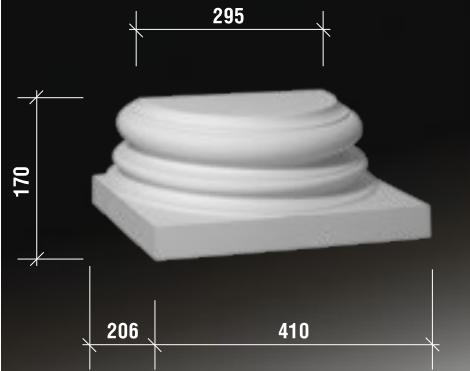
4.15.201 capital



4.17.201 base

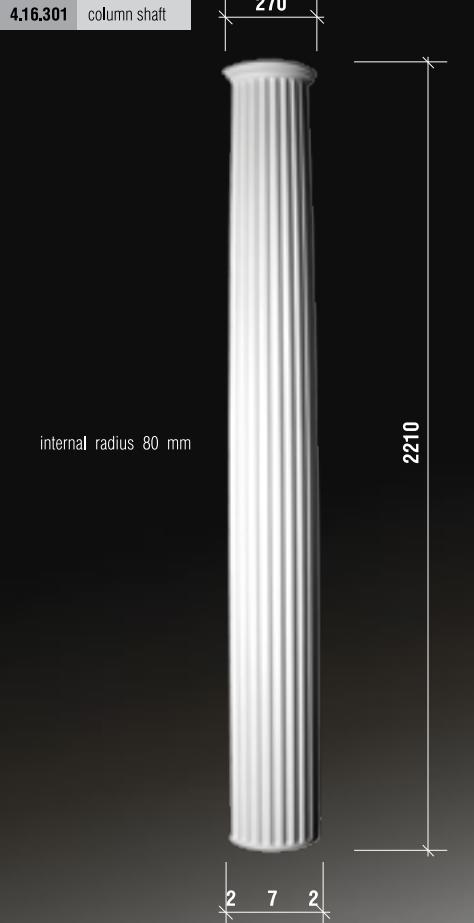


4.17.202 base

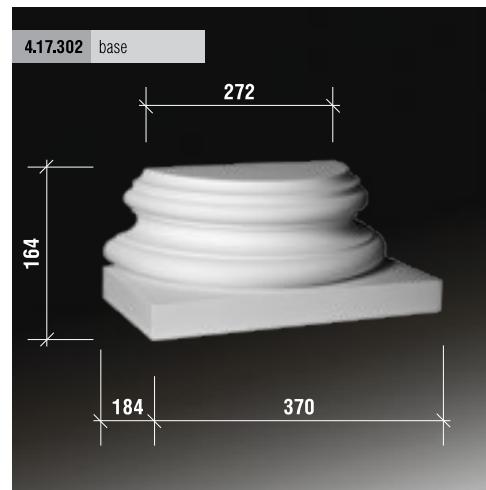
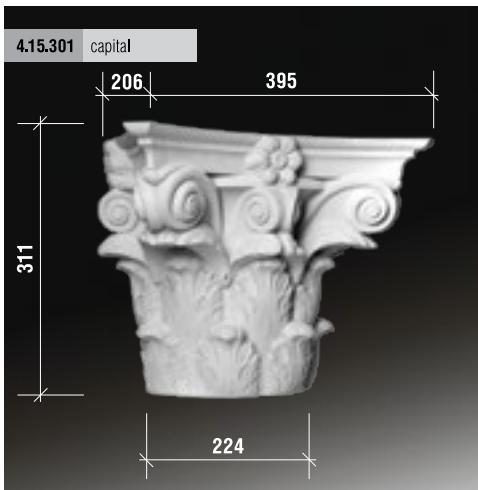


## half columns

1	4.15.301	capital
2	4.16.301	column shaft
3	4.17.302	base

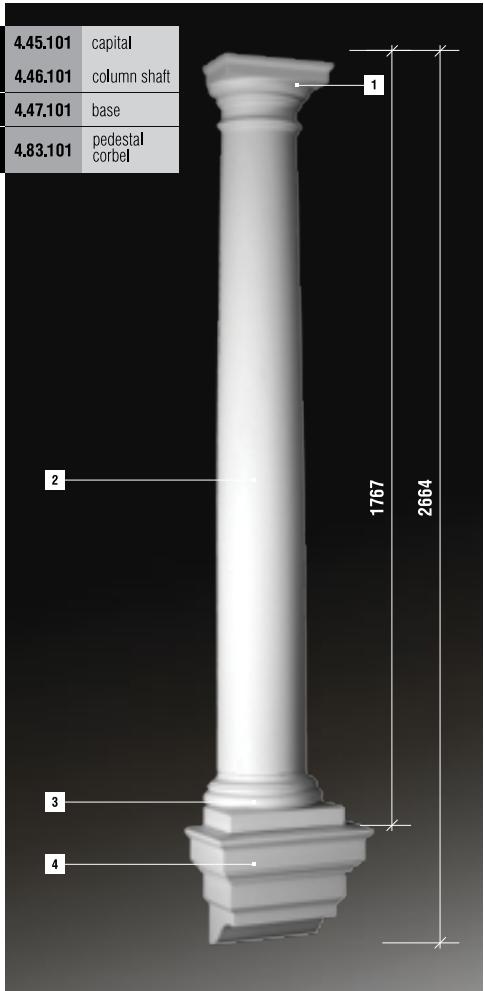


dimensions in millimeters

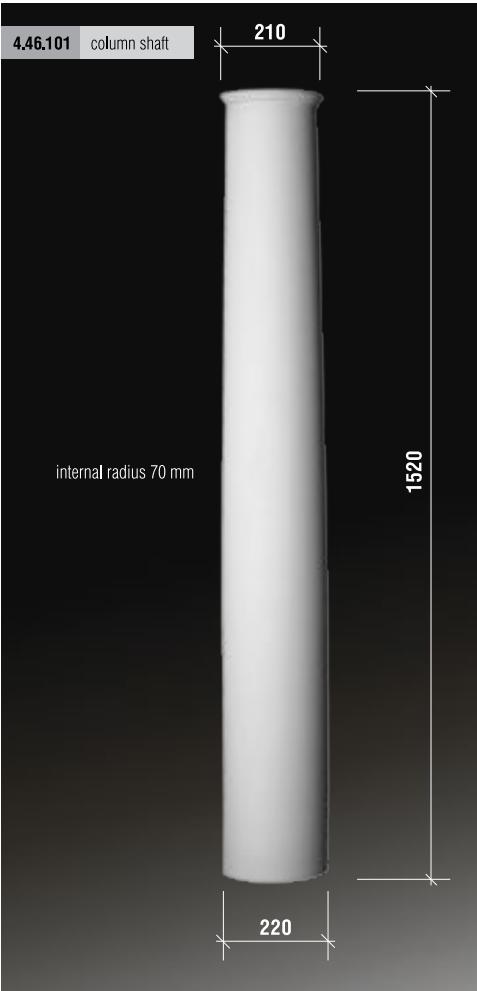


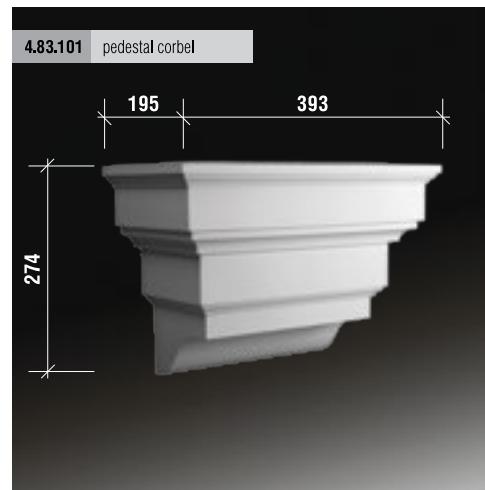
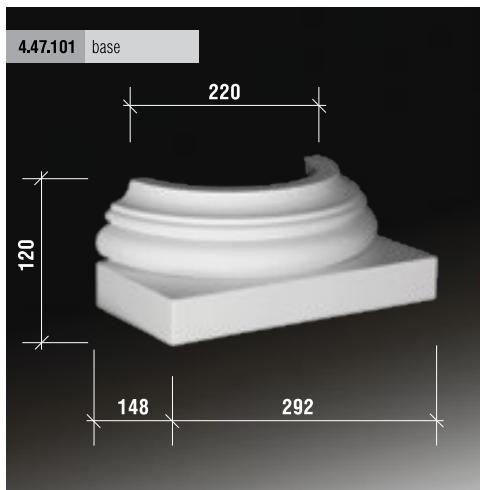
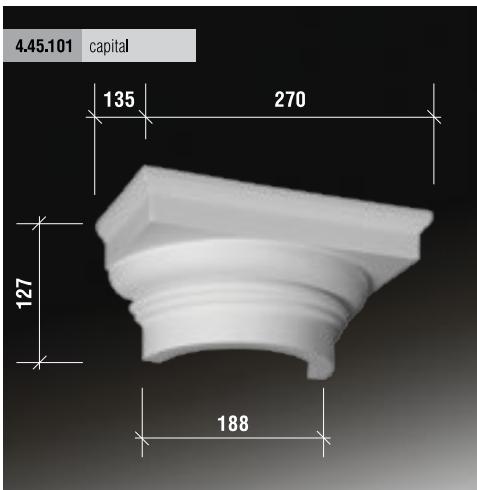
## half columns

1	<b>4.45.101</b>	capital
2	<b>4.46.101</b>	column shaft
3	<b>4.47.101</b>	base
4	<b>4.83.101</b>	pedestal corbel



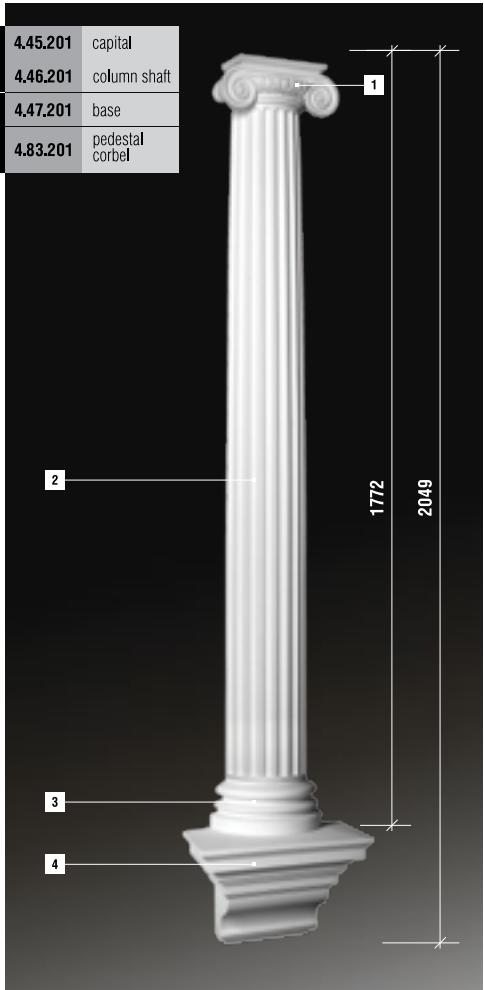
dimensions in millimeters



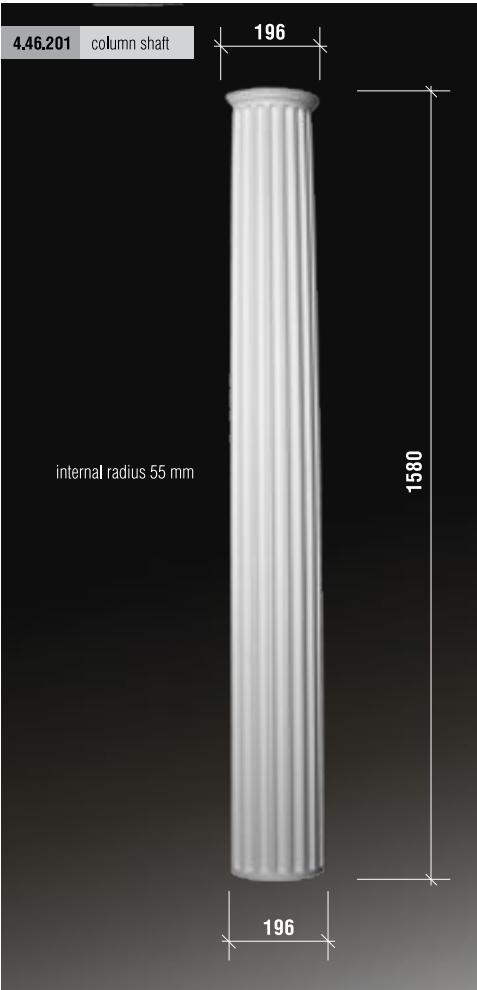


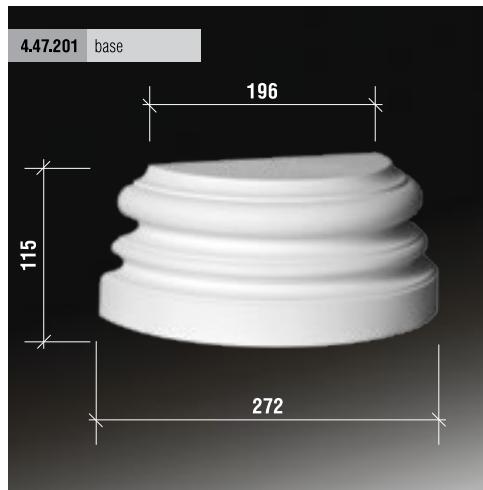
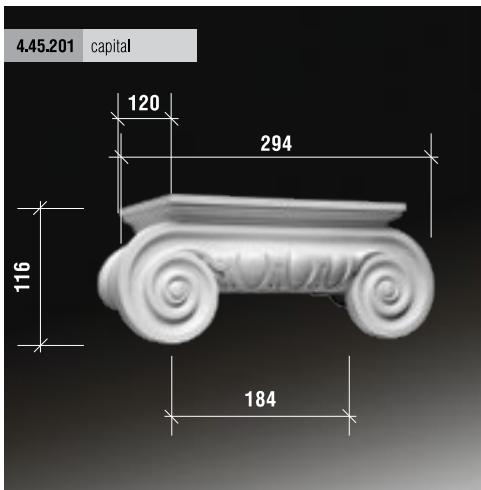
## half columns

1	4.45.201	capital
2	4.46.201	column shaft
3	4.47.201	base
4	4.83.201	pedestal corbel



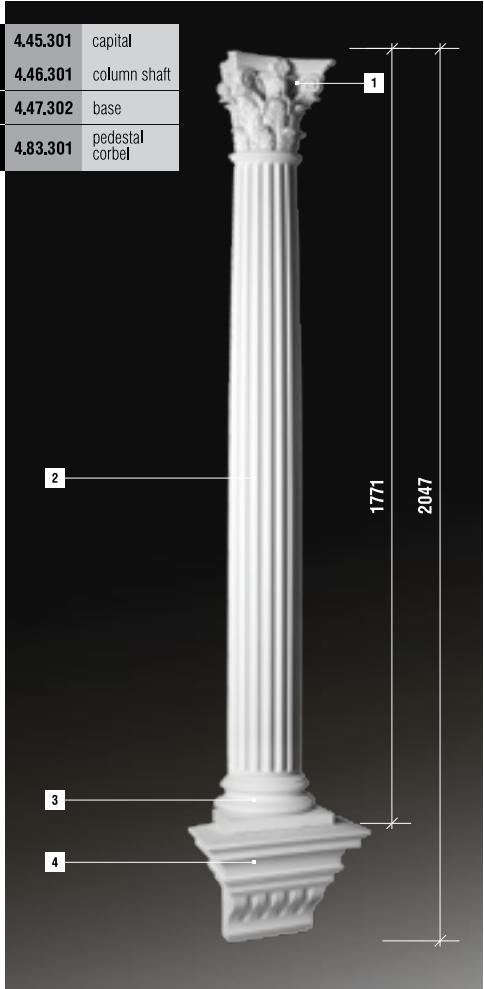
dimensions in millimeters



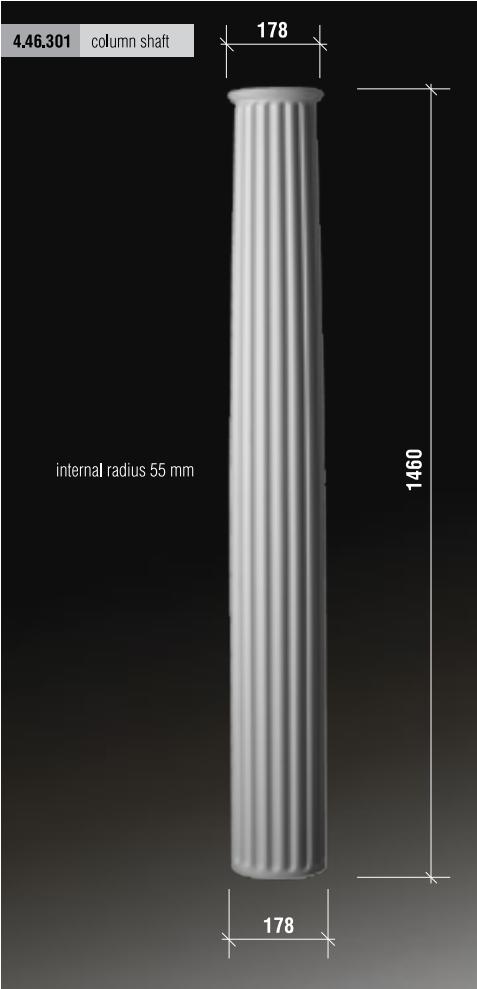


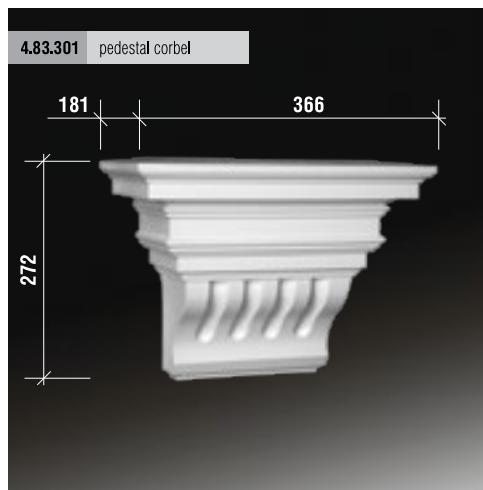
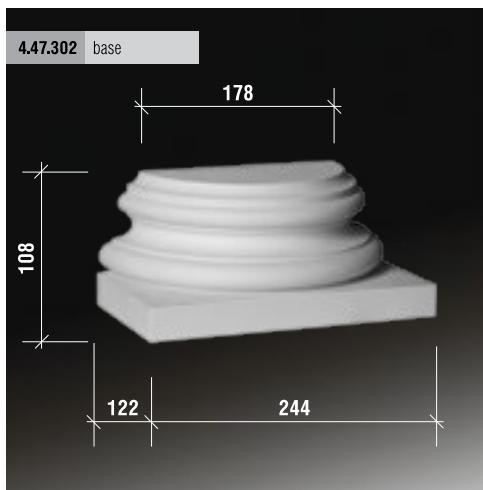
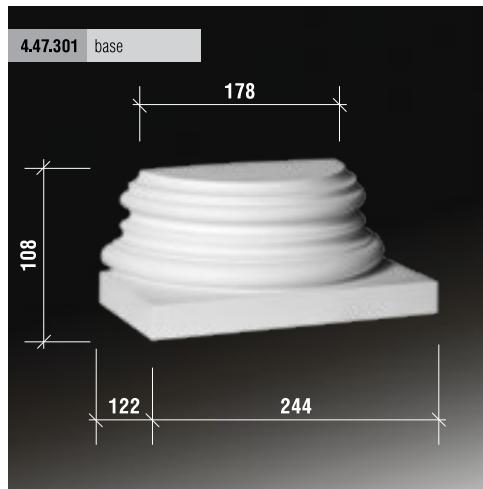
## half columns

1	<b>4.45.301</b>	capital
2	<b>4.46.301</b>	column shaft
3	<b>4.47.302</b>	base
4	<b>4.83.301</b>	pedestal corbel



dimensions in millimeters







## **window frames**

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platbands	154
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pediment	180

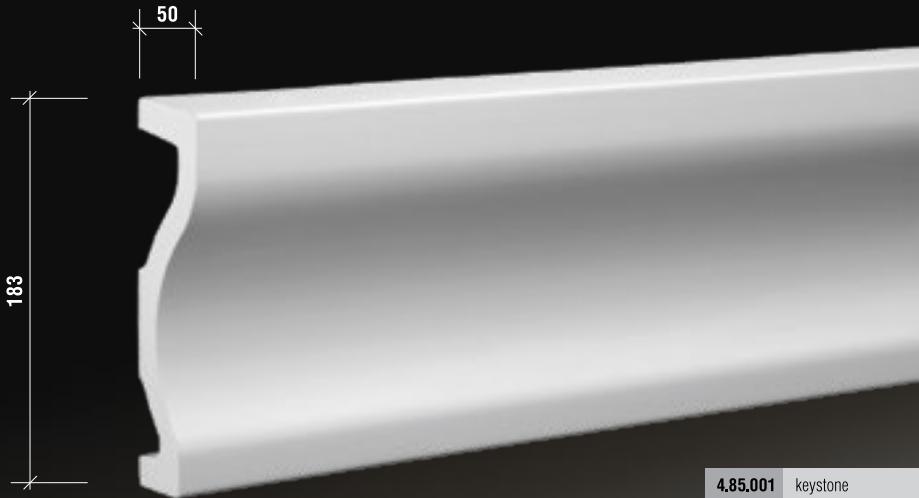
## platbands

**4.84.001** platband

platband length 2 meters

**4.84.051** platband

platband length 2,3 meters



**4.85.001** keystone

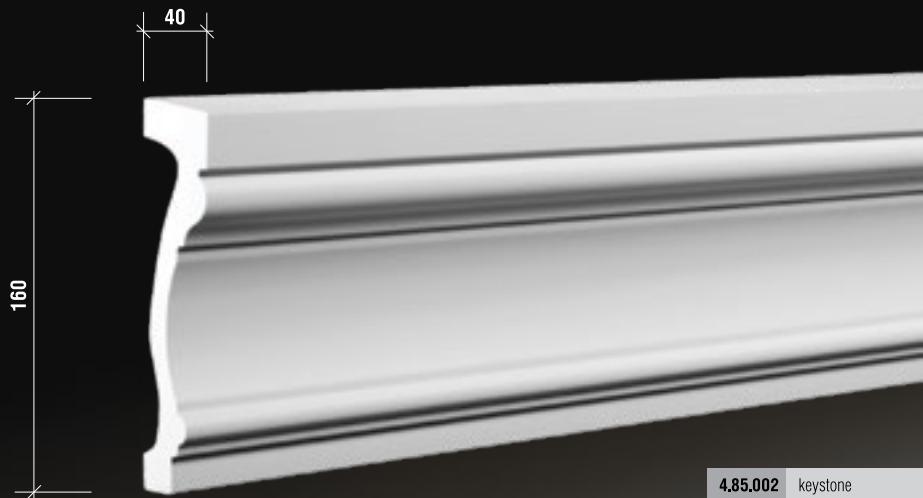
294

281

keystone depth 65 mm

dimensions in millimeters

<b>4.84.002</b>	platband	platband length 2,3 meters
<b>4.84.052</b>	platband	platband length 2 meters



4.85.002 keystone



## platbands

**4.84.003** platband

platband length 2,3 meters

**4.84.053** platband

platband length 2 meters



**4.85.003** keystone

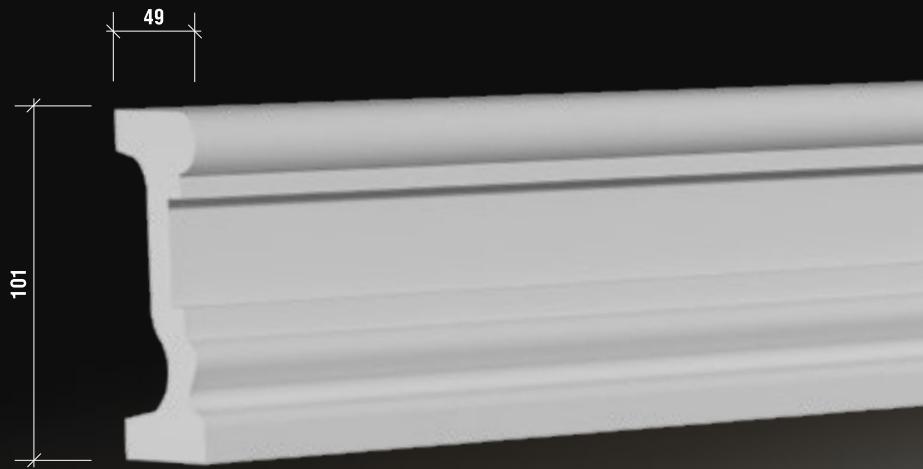


dimensions in millimeters

**4.84.004**

platband

platband length 2 meters



## platbands

4.84.005 platband

platband length 2 meters



dimensions in millimeters

**4.84.006**

platband

platband length 2 meters



## arch frames

**4.87.031**

arch frame

**4.87.031 FLEX**

flexible arch frame

variable radius R600-900

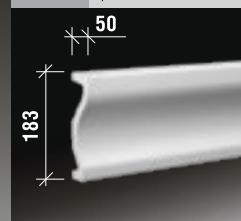


**4.84.001**

platband

183

50



dimensions in millimeters

**4.87.032**

arch frame

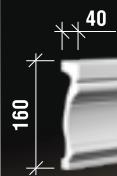
**4.87.032 FLEX**

flexible arch frame

variable radius R550-850

**4.84.002**

platband



## arch frames

**4.87.033**

arch frame

**4.87.033 FLEX**

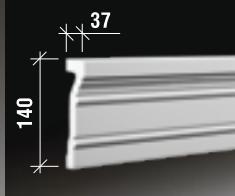
flexible arch frame

variable radius R450-750



**4.84.003**

platband



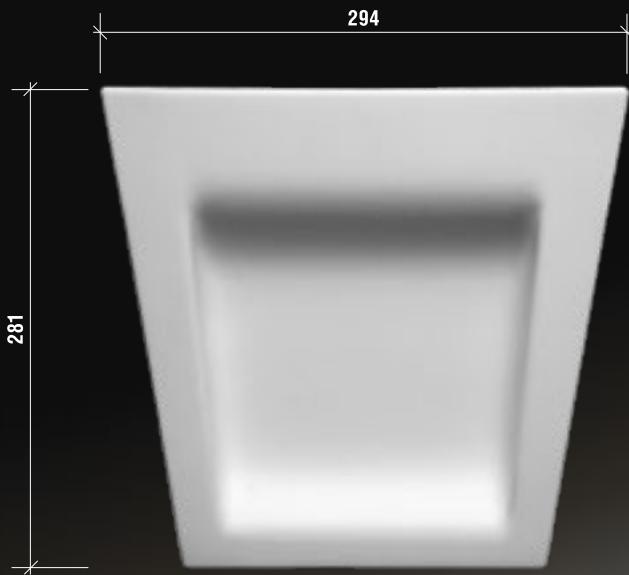
dimensions in millimeters

# keystones

window frames

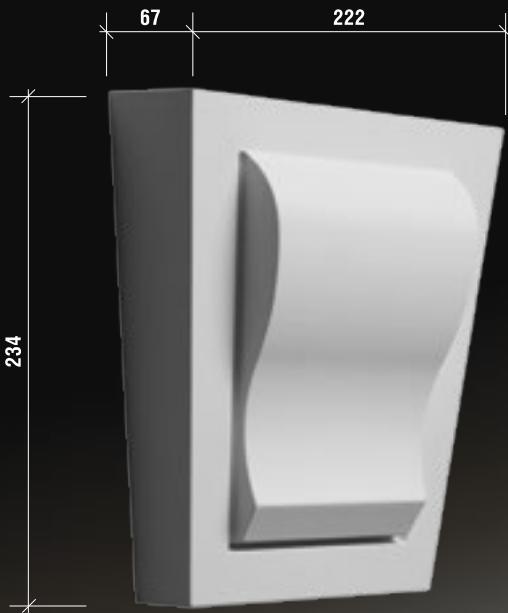
4.85.001 keystone

keystone depth 65 mm



# keystones

**4.85.002** keystone

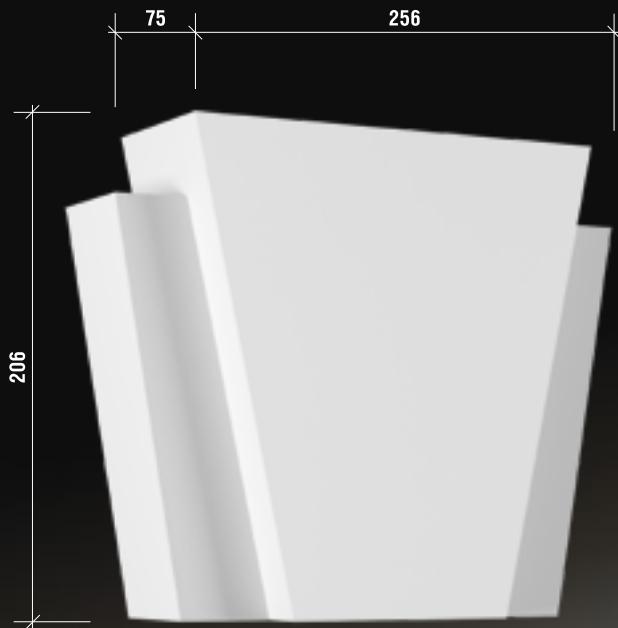


dimensions in millimeters

**4.85.003** keystone

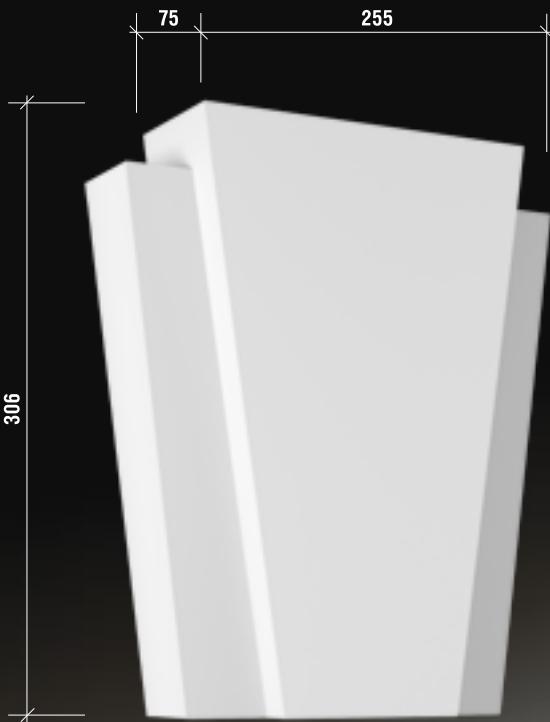
## keystones

4.85.004 keystone



dimensions in millimeters

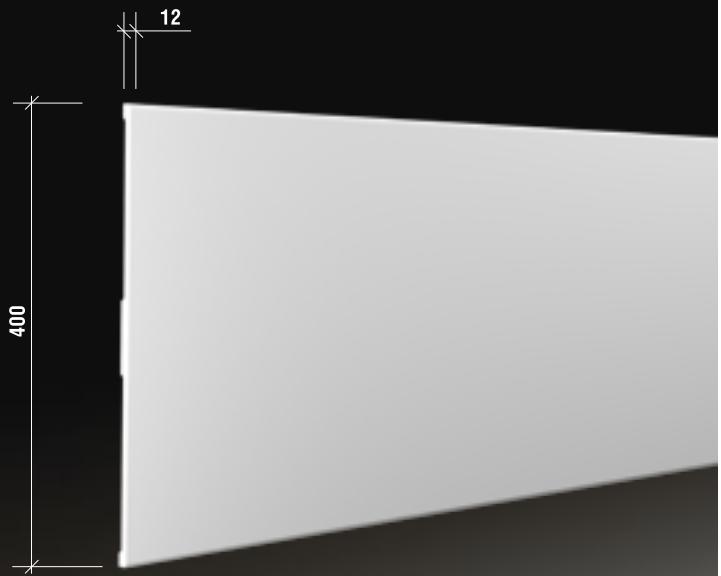
4.85.005 keystone



# window jamb

4.88.001 window jamb

window jamb length 2000 mm



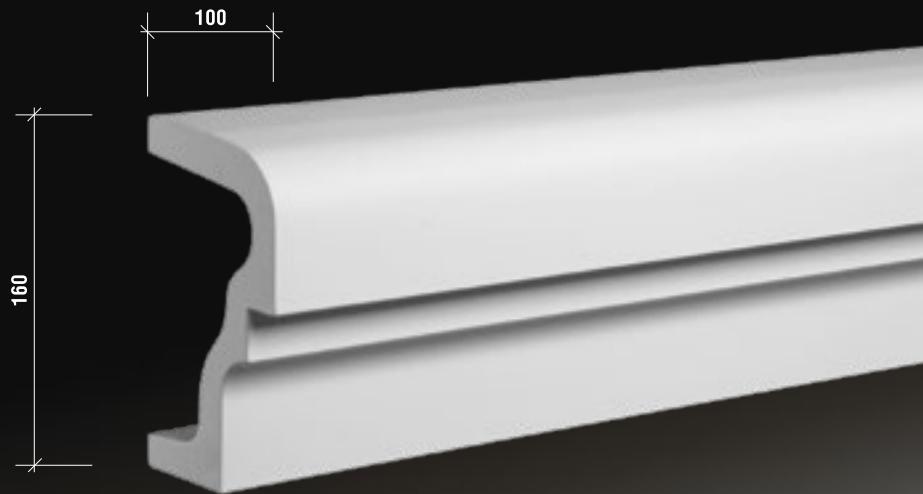
dimensions in millimeters

## window ledges

window frames

**4.82.001** window ledges

window ledges length 2 meters

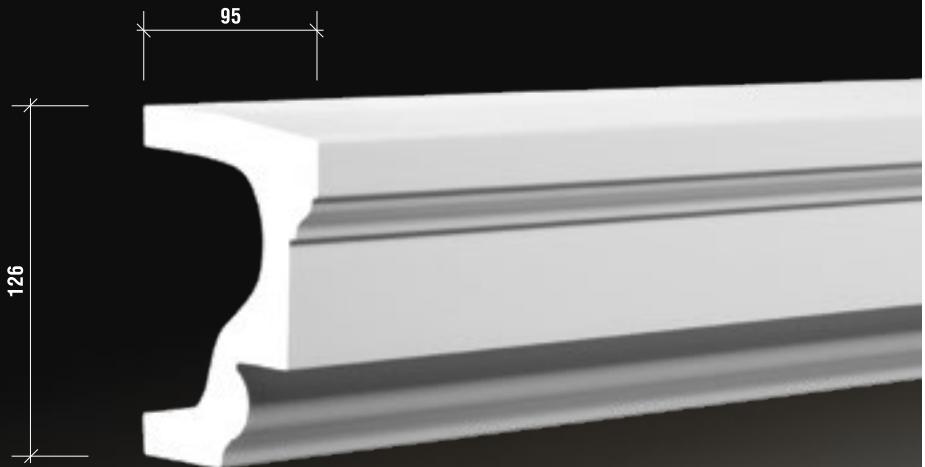


## window ledges

4.82.002

window ledges

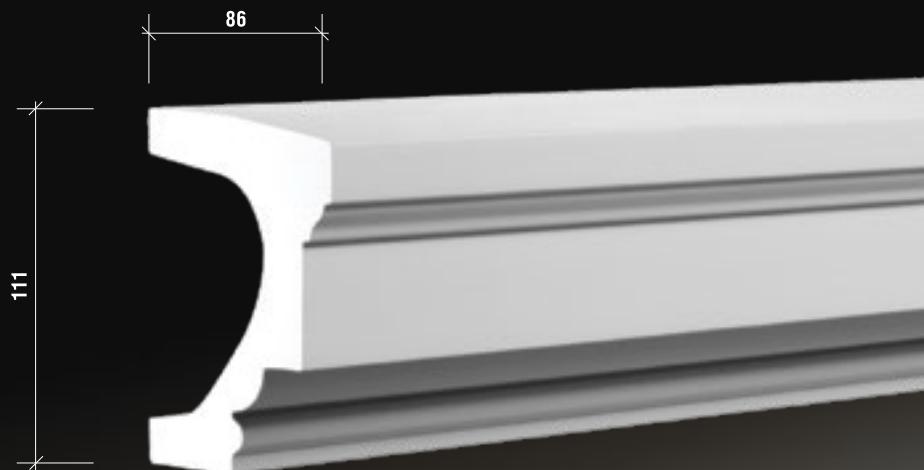
window ledges length 2 meters



dimensions in millimeters

**4.82.003** window ledges

window ledges length 2 meters



## window ledges

4.82.101 window ledges

window ledges length 2 meters



dimensions in millimeters

4.82.201 window ledges

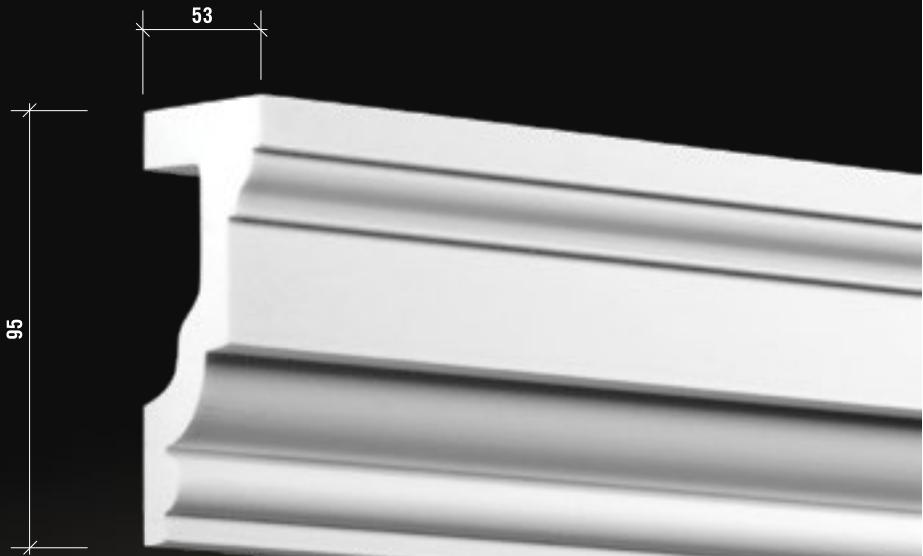
window ledges length 2 meters



## window ledges

4.82.202 window ledges

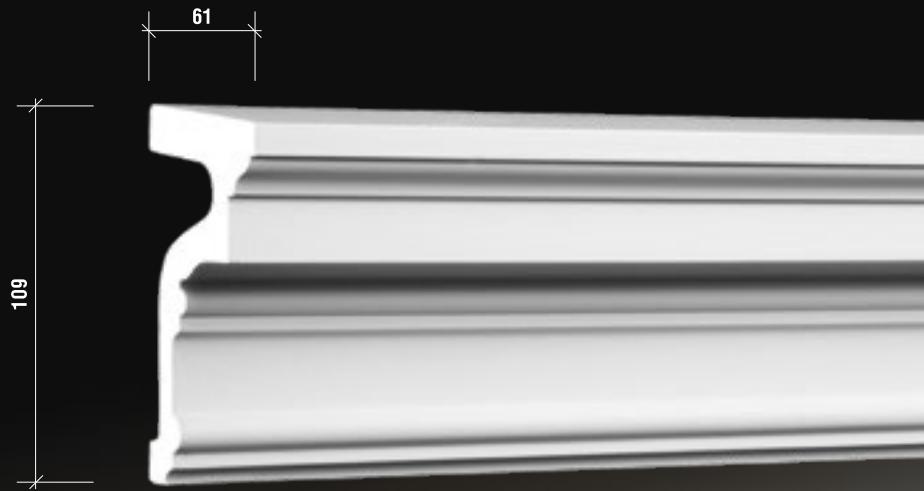
window ledges length 2 meters



dimensions in millimeters

4.82.301 window ledges

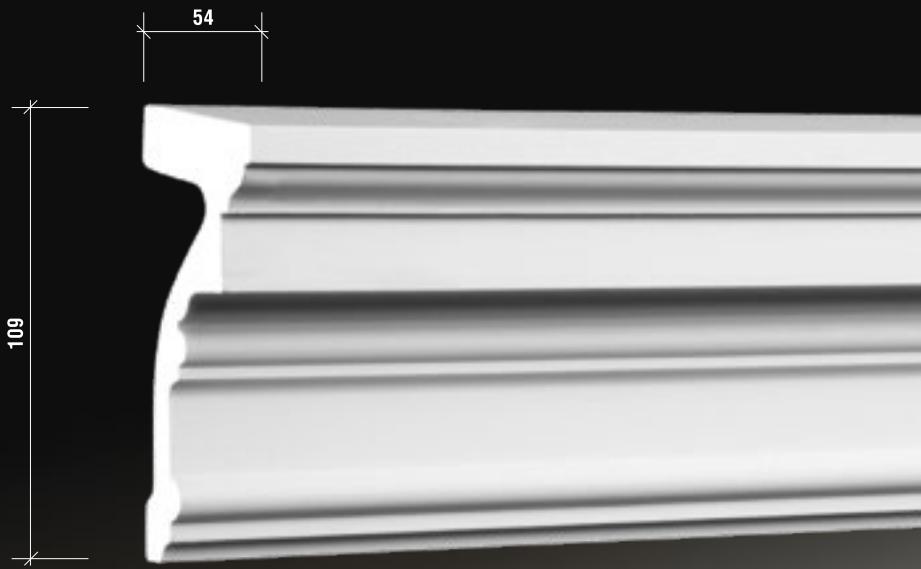
window ledges length 2 meters



## window ledges

4.82.302 window ledges

window ledges length 2 meters

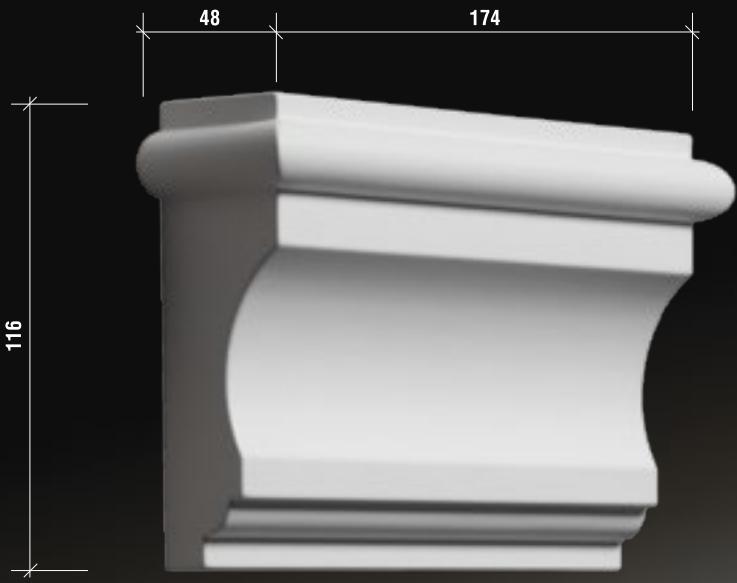


dimensions in millimeters

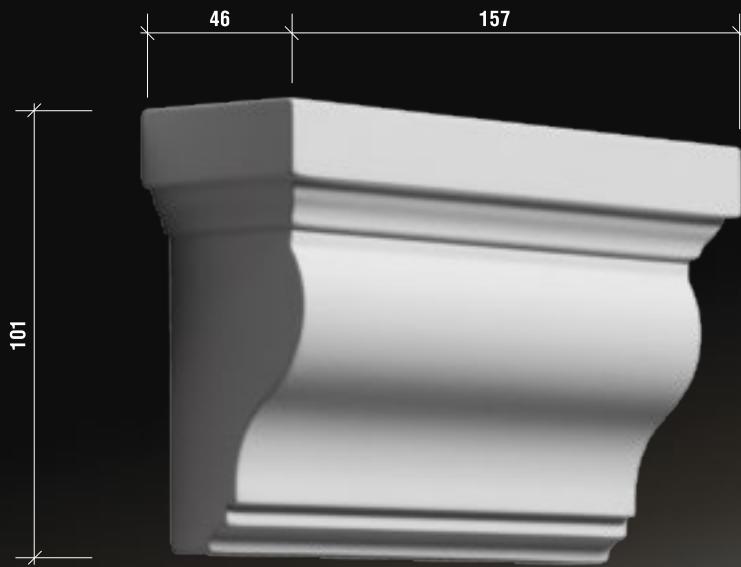


## corbels

4.83.002 corbel



dimensions in millimeters

**4.83.003** corbel

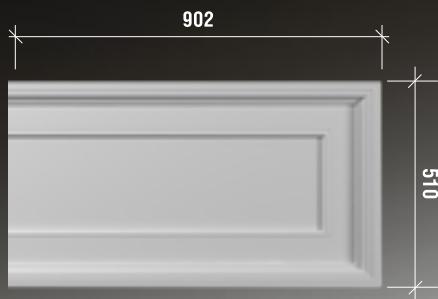
**pediment**



dimensions in millimeters



Pediment depth 54 mm



ornament depth 44 mm



ornament depth 28 mm

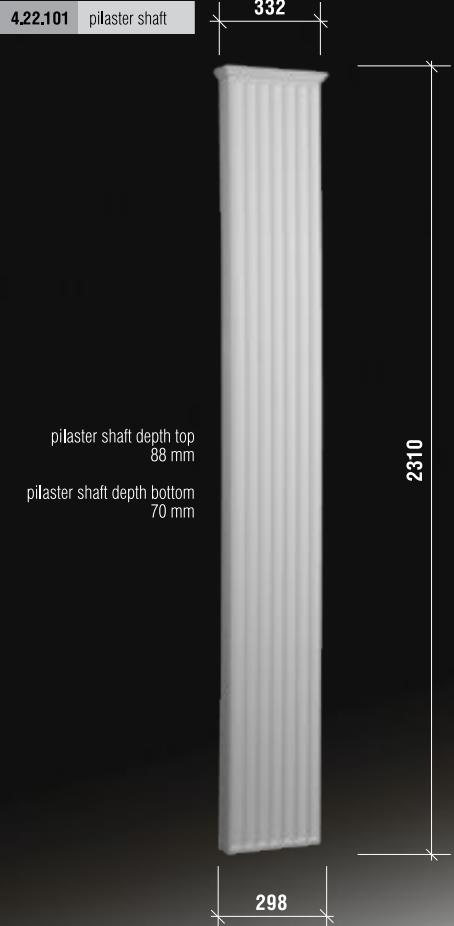
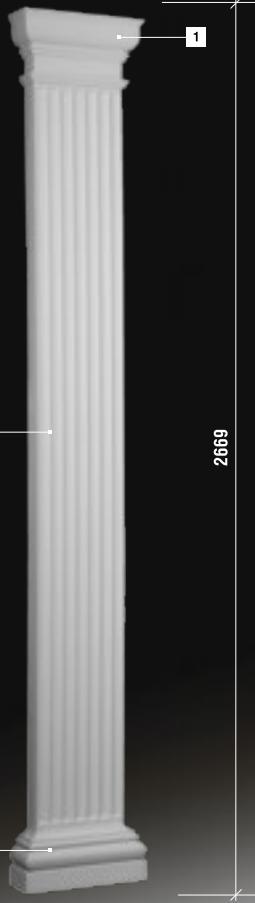


## **pilasters**

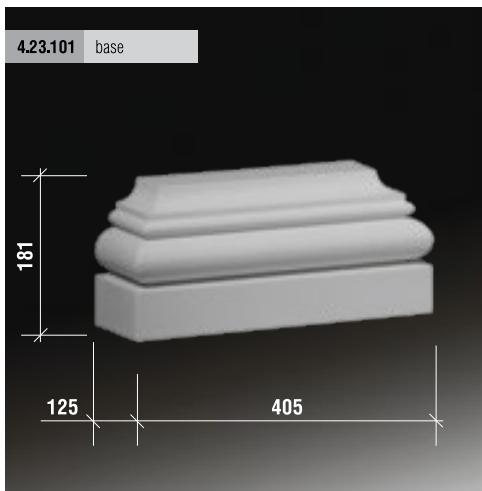
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## pilasters

1	4.21.101	capital
2	4.22.101	pilaster shaft
3	4.23.101	base

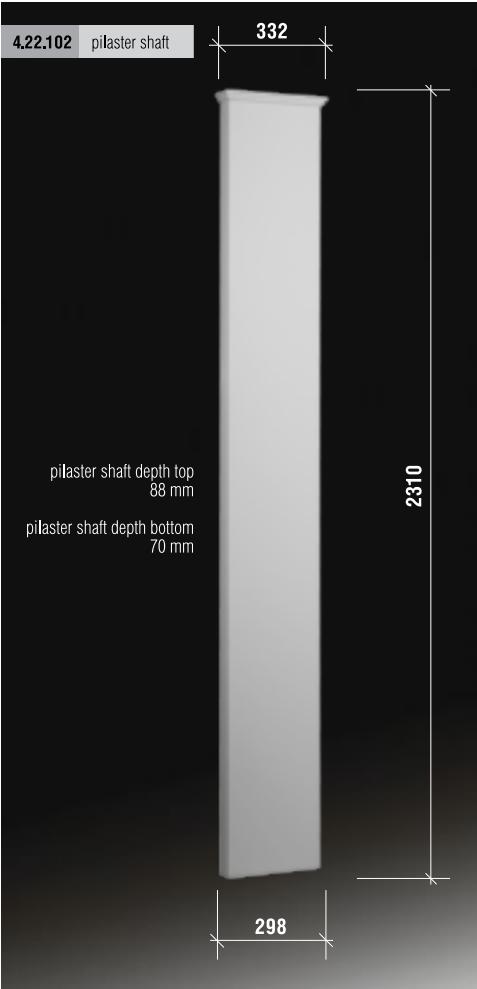
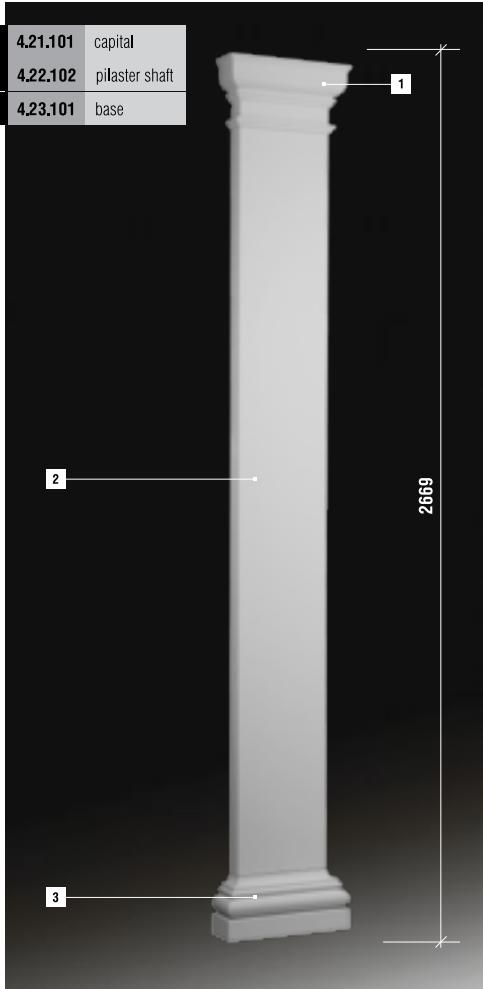


dimensions in millimeters

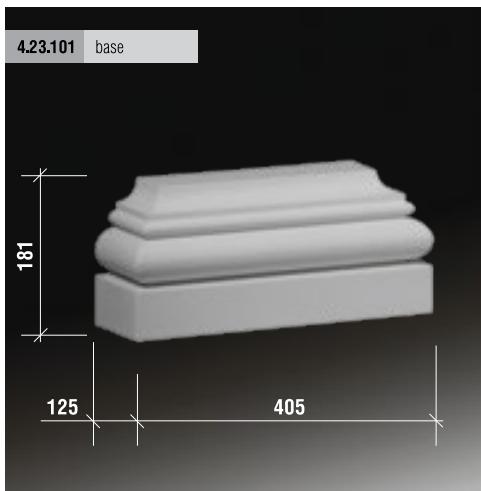


## pilasters

1	4.21.101	capital
2	4.22.102	pilaster shaft
3	4.23.101	base

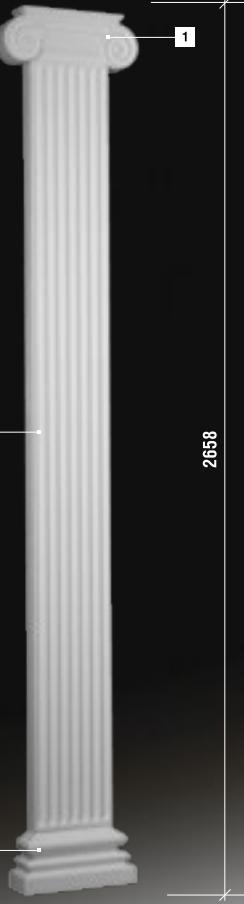


dimensions in millimeters



## pilasters

1	4.21.201	capital
2	4.22.201	pilaster shaft
3	4.23.201	base

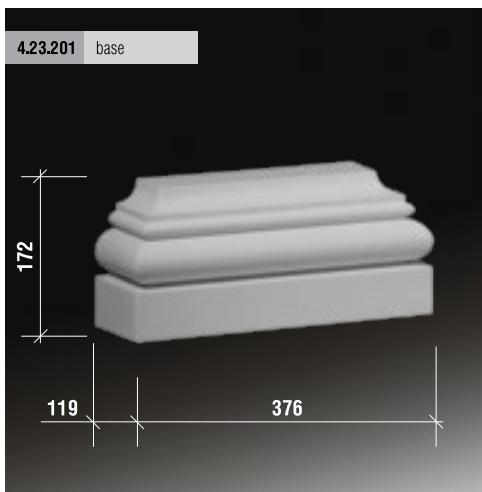


4.22.201	pilaster shaft
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pilaster shaft depth  
62 mm

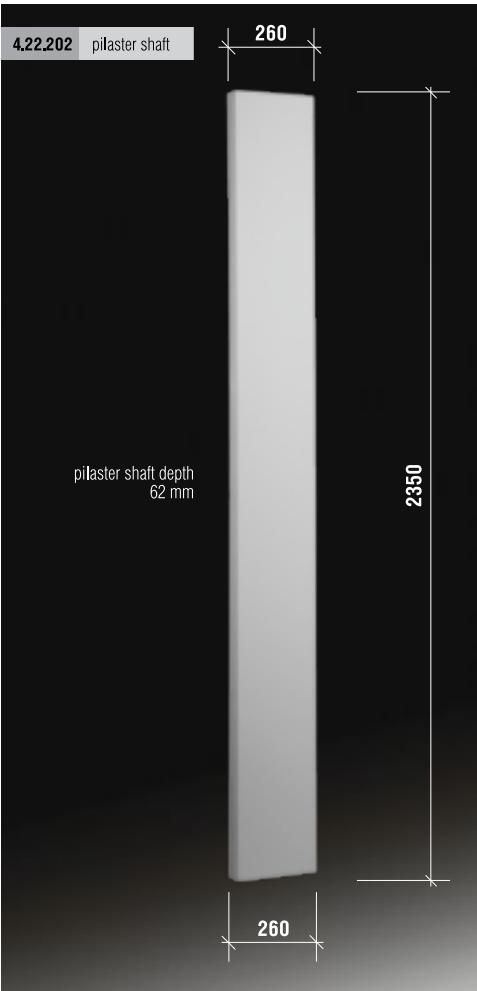
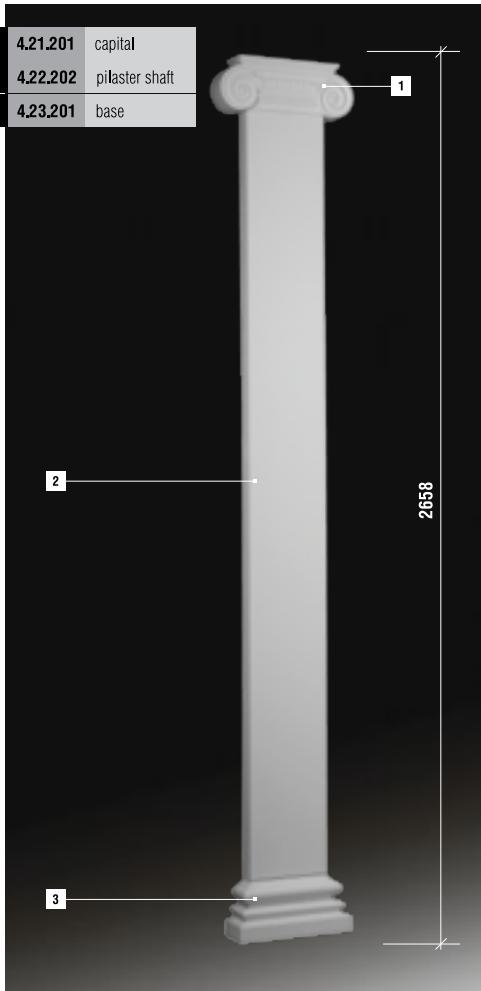


dimensions in millimeters

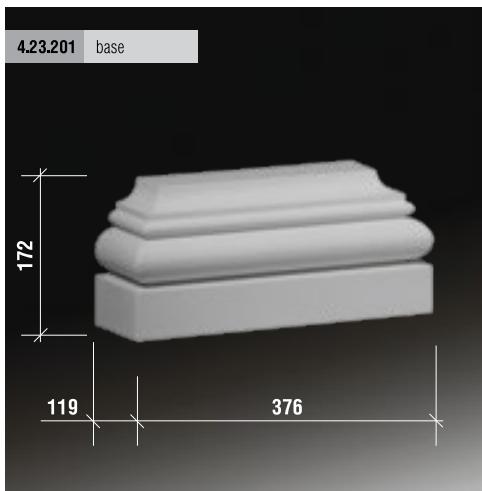


## pilasters

1	4.21.201	capital
2	4.22.202	pilaster shaft
3	4.23.201	base

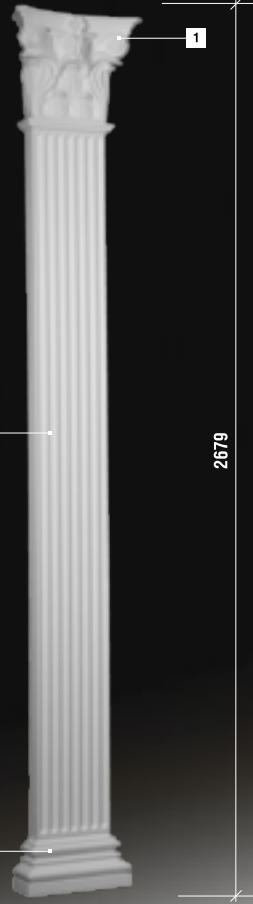


dimensions in millimeters



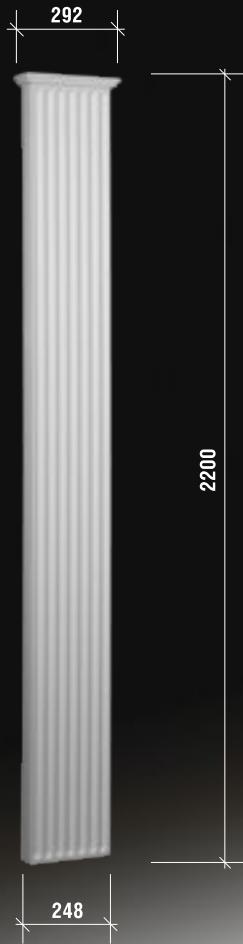
## pilasters

1	4.21.301	capital
2	4.22.301	pilaster shaft
3	4.23.301	base

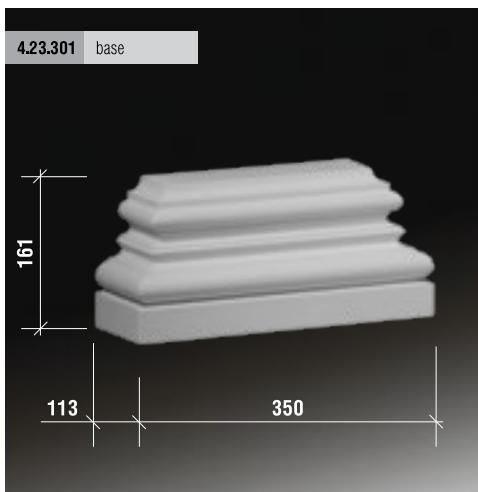


4.22.301	pilaster shaft
----------	----------------

pilaster shaft depth top  
86 mm  
pilaster shaft depth bottom  
62 mm

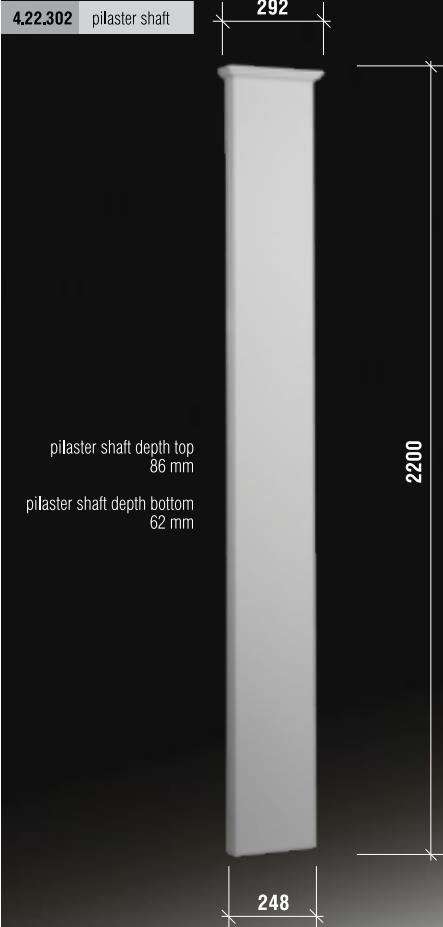
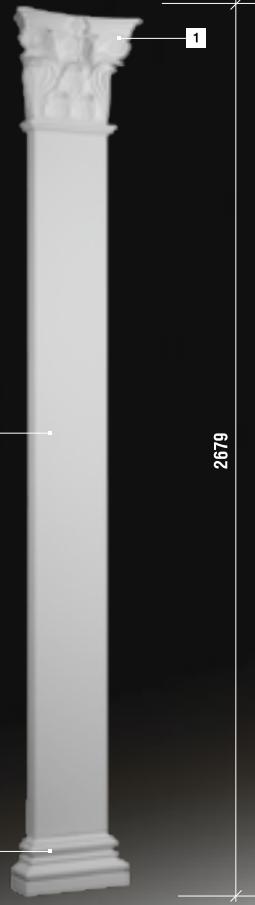


dimensions in millimeters

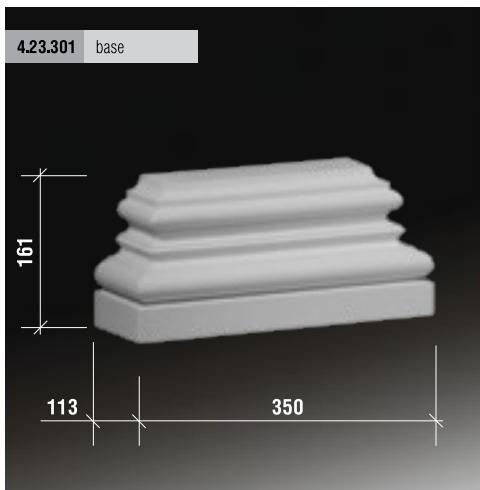


## pilasters

1	4.21.301	capital
2	4.22.302	pilaster shaft
3	4.23.301	base

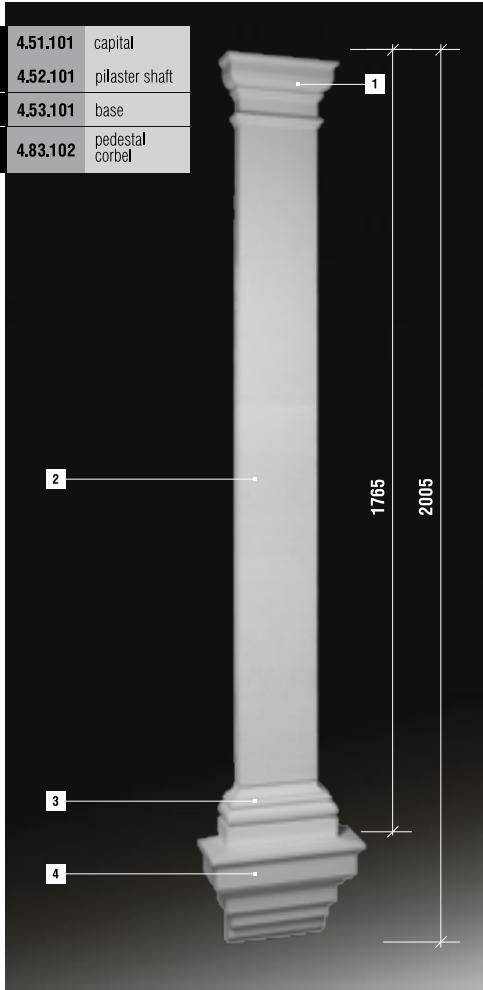


dimensions in millimeters

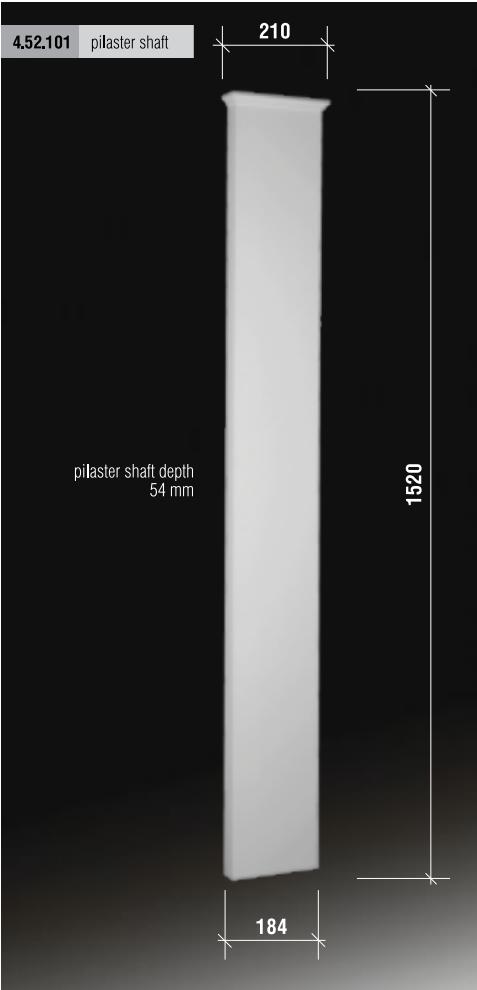


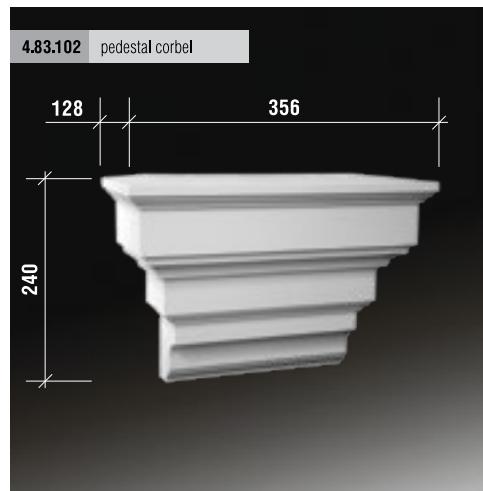
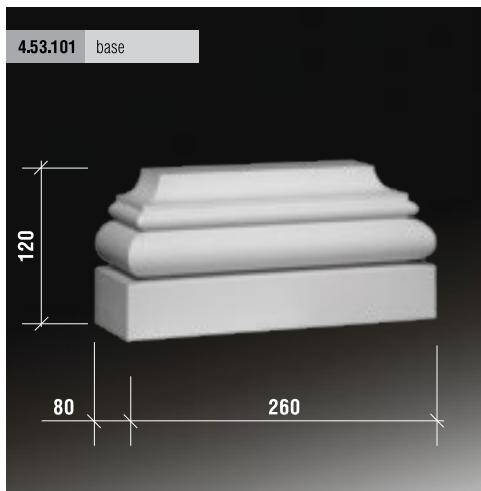
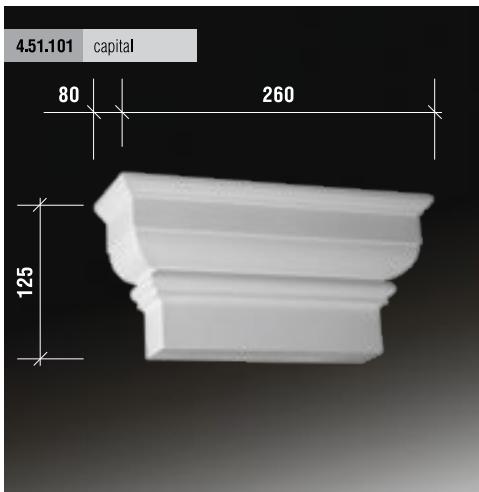
## pilasters

1	4.51.101	capital
2	4.52.101	pilaster shaft
3	4.53.101	base
4	4.83.102	pedestal corbel



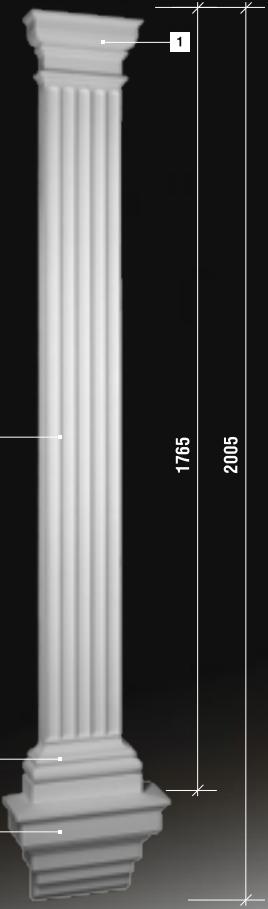
dimensions in millimeters



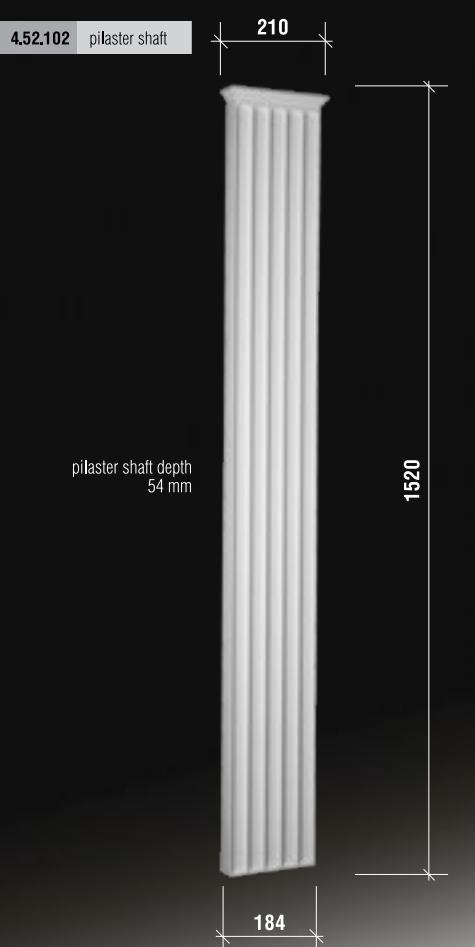


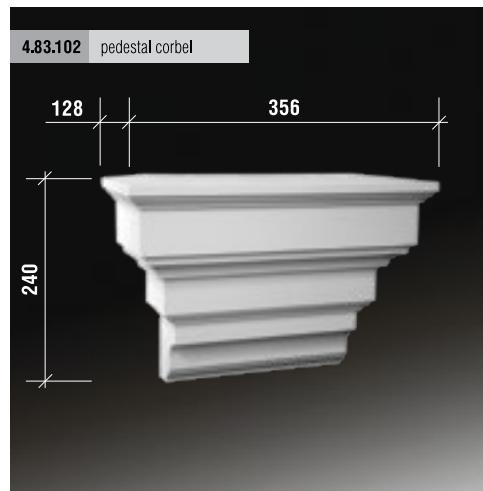
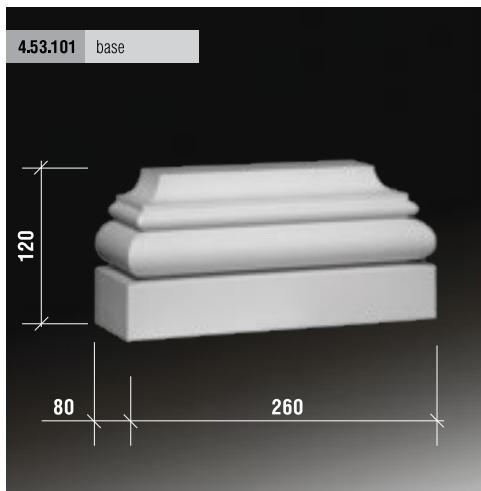
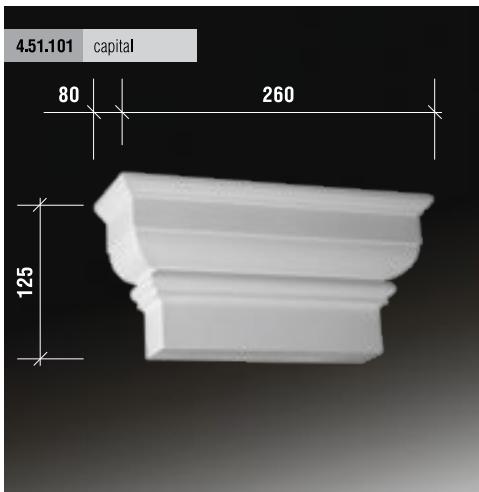
## pilasters

1	4.51.101	capital
2	4.52.102	pilaster shaft
3	4.53.101	base
4	4.83.102	pedestal corbel



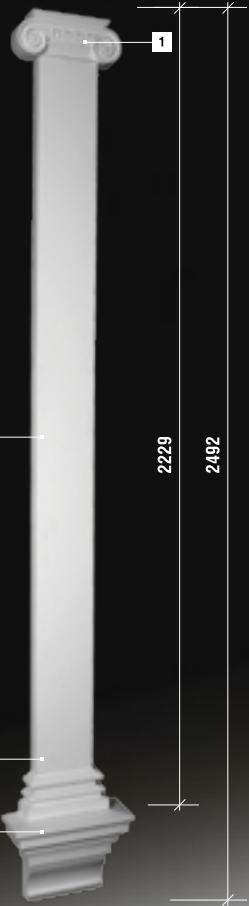
dimensions in millimeters



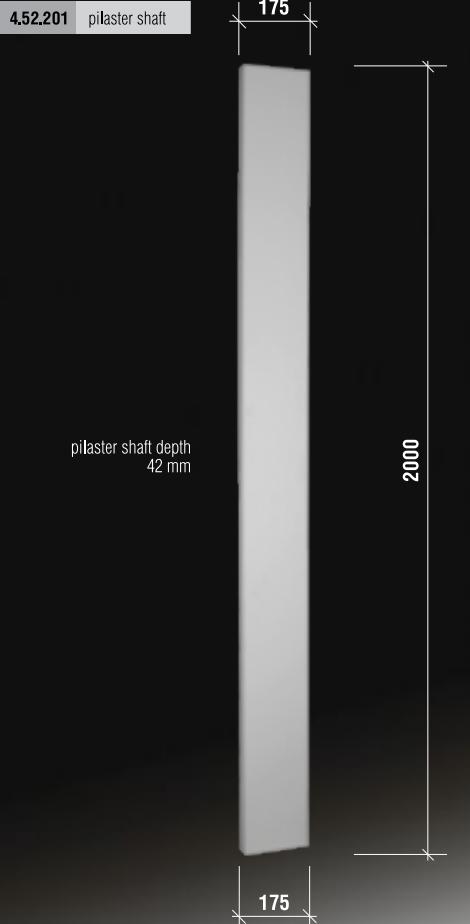


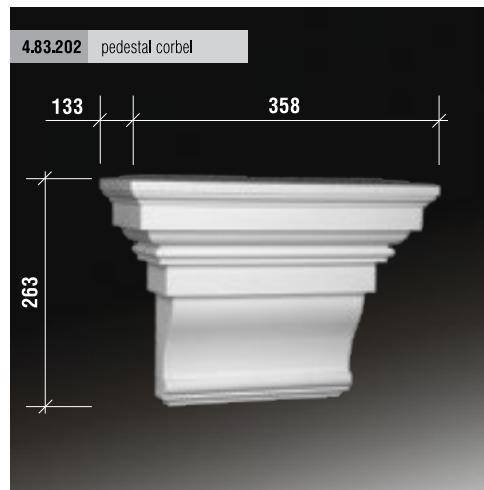
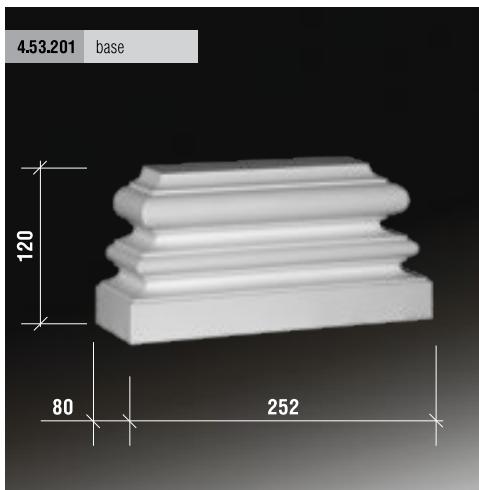
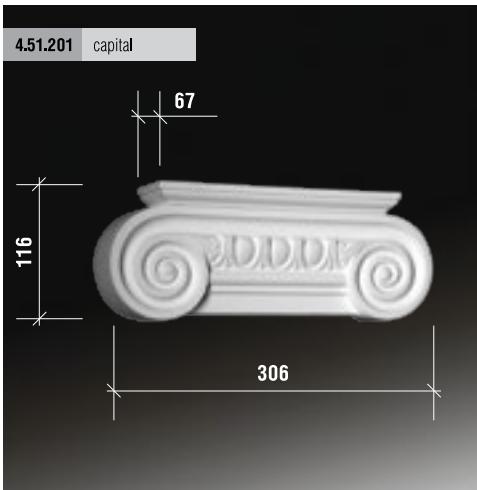
## pilasters

1	4.51.201	capital
2	4.52.201	pilaster shaft
3	4.53.201	base
4	4.83.202	pedestal corbel



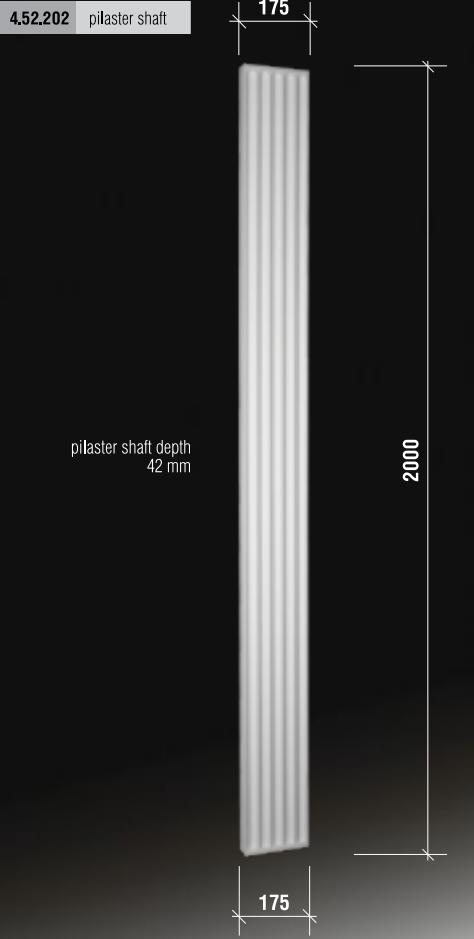
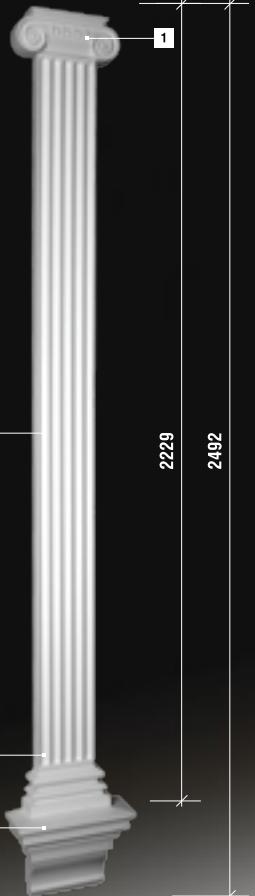
dimensions in millimeters



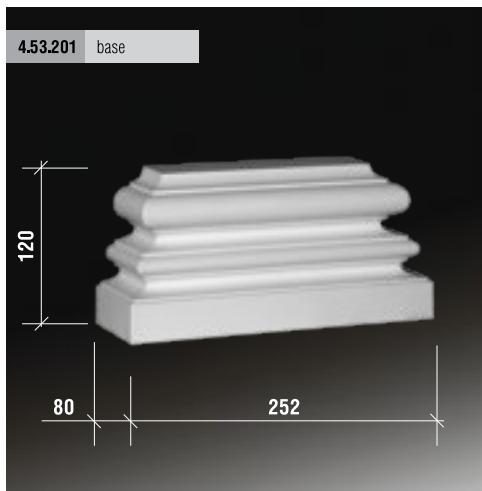


## pilasters

1	4.51.201	capital
2	4.52.202	pilaster shaft
3	4.53.201	base
4	4.83.202	pedestal corbel

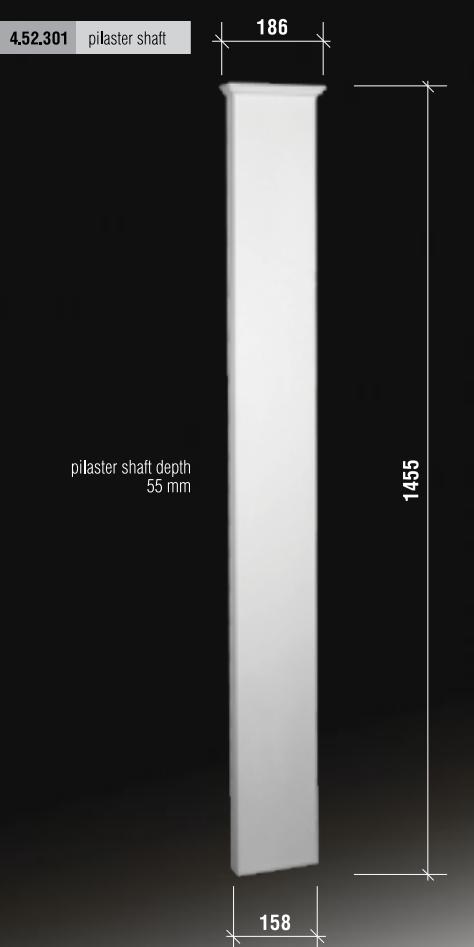


dimensions in millimeters

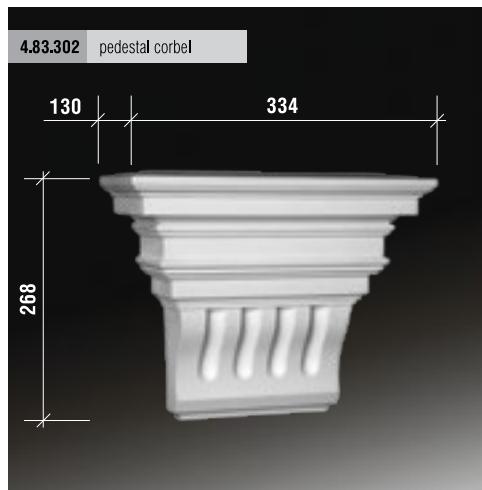
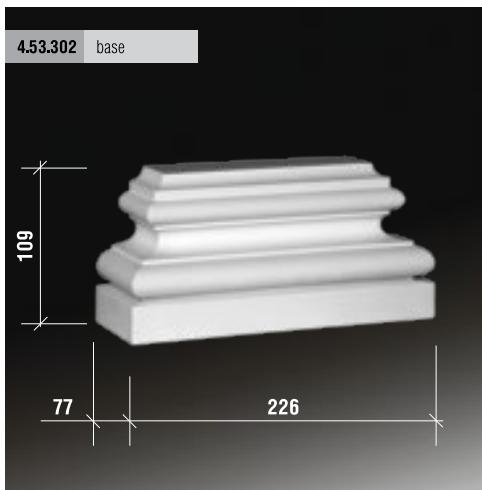
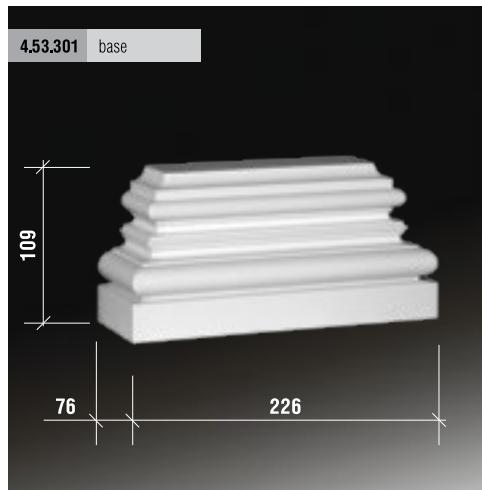
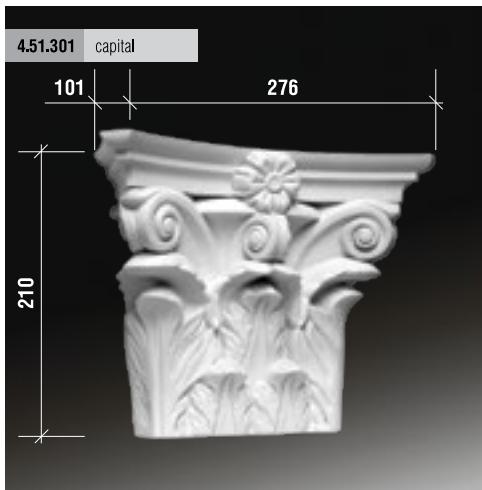


## pilasters

1	4.51.301	capital
2	4.52.301	pilaster shaft
3	4.53.301	base
4	4.83.302	pedestal corbel

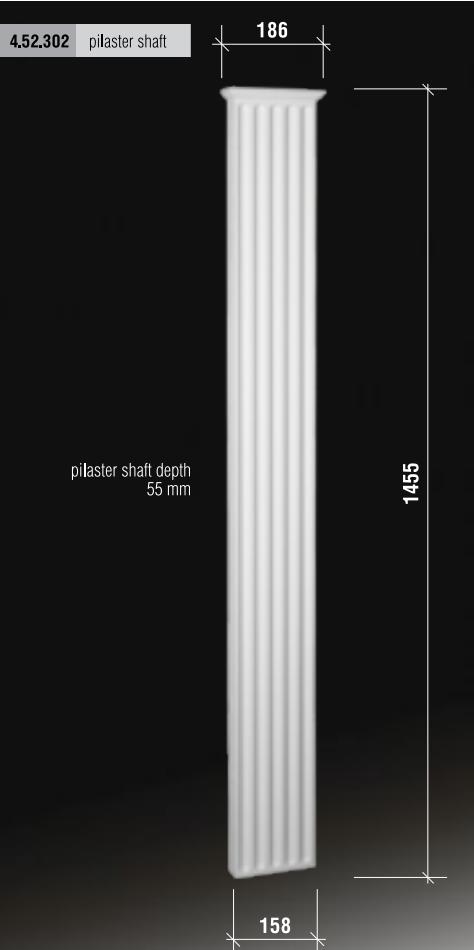
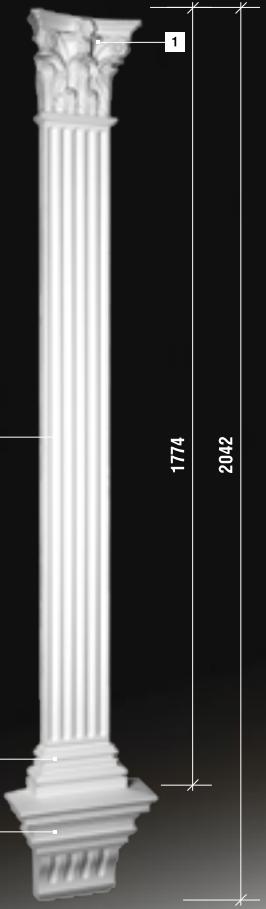


dimensions in millimeters

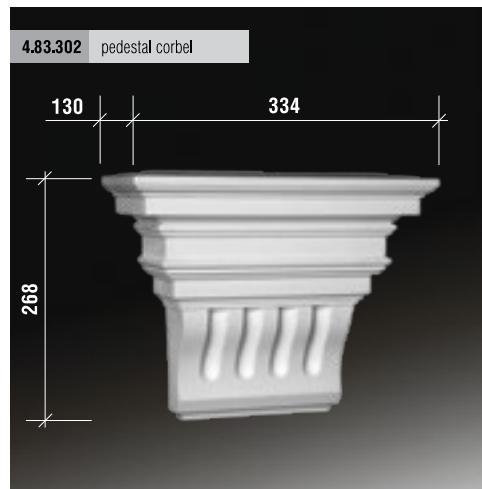
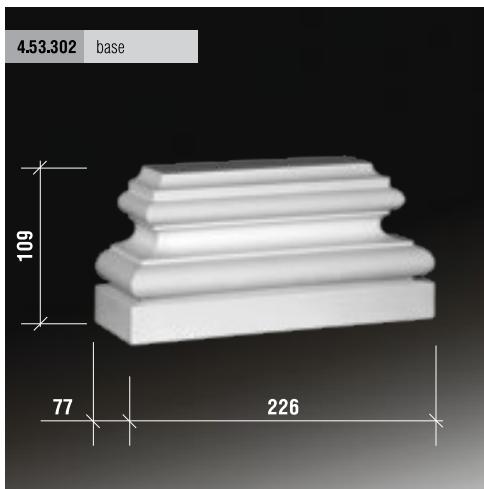
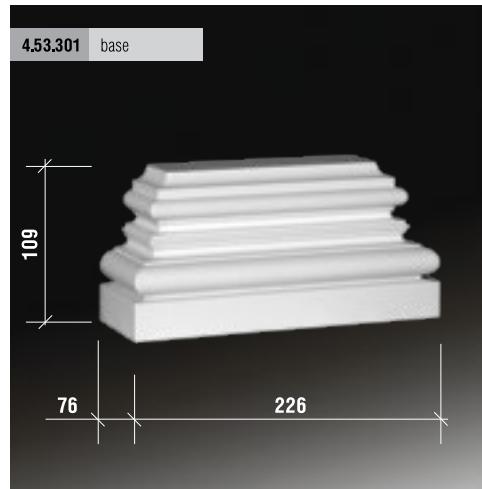
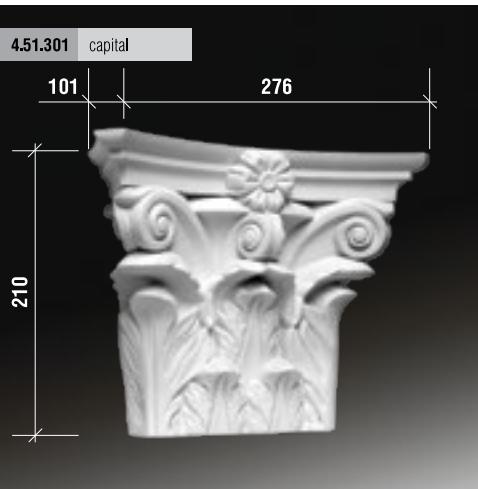


## pilasters

1	4.51.301	capital
2	4.52.302	pilaster shaft
3	4.53.301	base
4	4.83.302	pedestal corbel



dimensions in millimeters





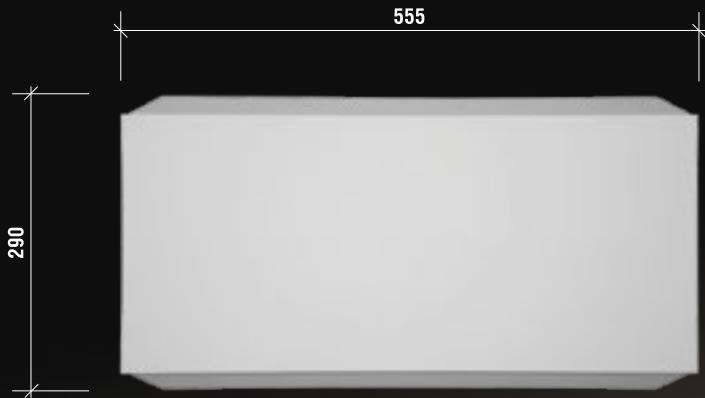
## **bossages**

---

# bossages

4.86.001 bossage

bossage depth 42 mm



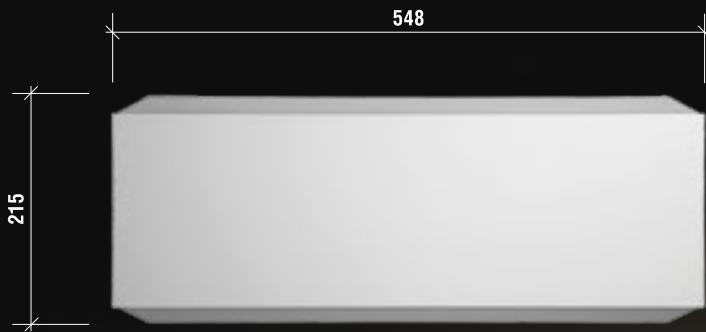
dimensions in millimeters

bossage

4.86.002

bossage

bossage depth 38 mm



# bossages

4.86.003 bossage

bossage depth 40 mm



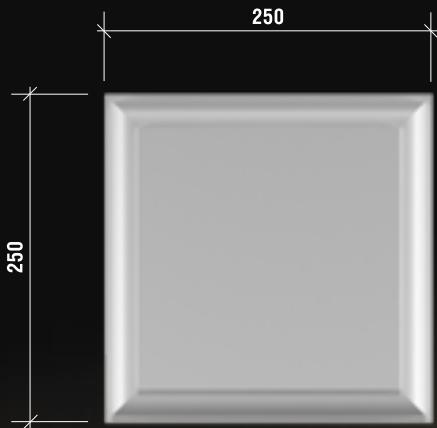
dimensions in millimeters

bossage

**4.86.004**

bossage

bossage depth 40 mm



# bossages

4.86.005 bossage

bossage depth 42 mm



dimensions in millimeters





## **examples**

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## balustrades

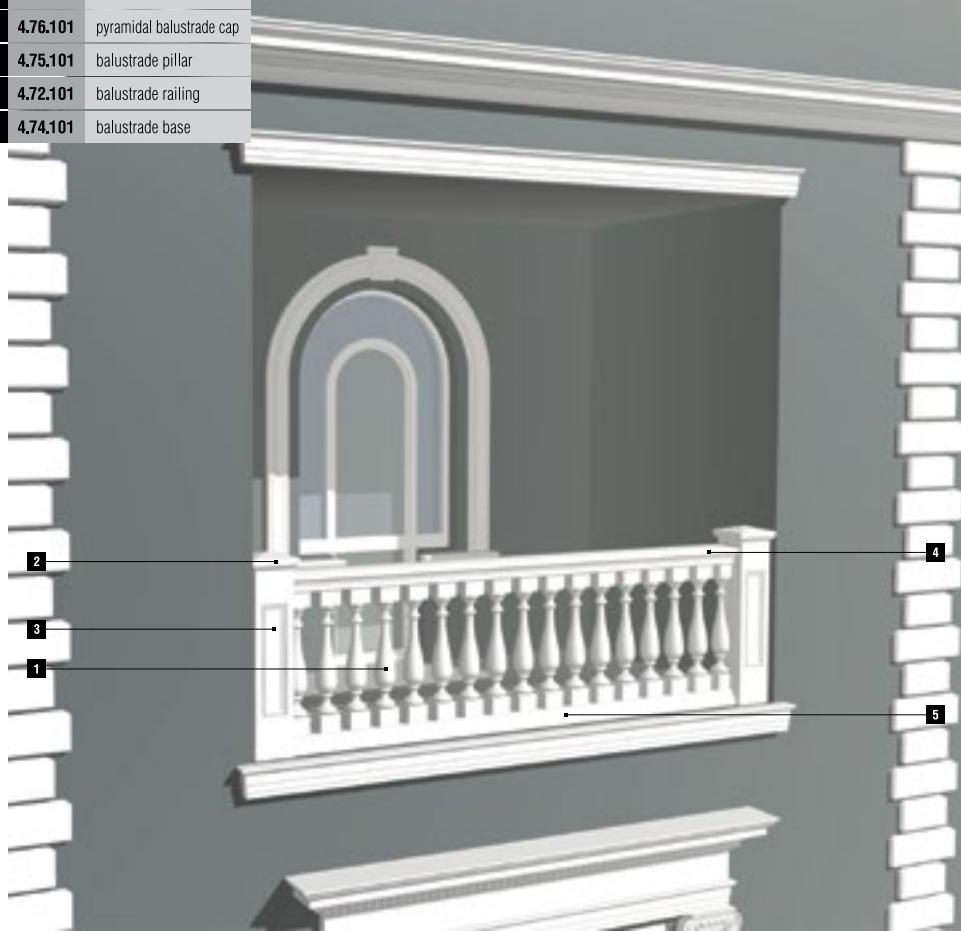
1	<b>4.71.101</b>	baluster
2	<b>4.76.101</b>	pyramidal balustrade cap
3	<b>4.75.101</b>	balustrade pillar
4	<b>4.72.101</b>	balustrade railing
5	<b>4.74.101</b>	balustrade base



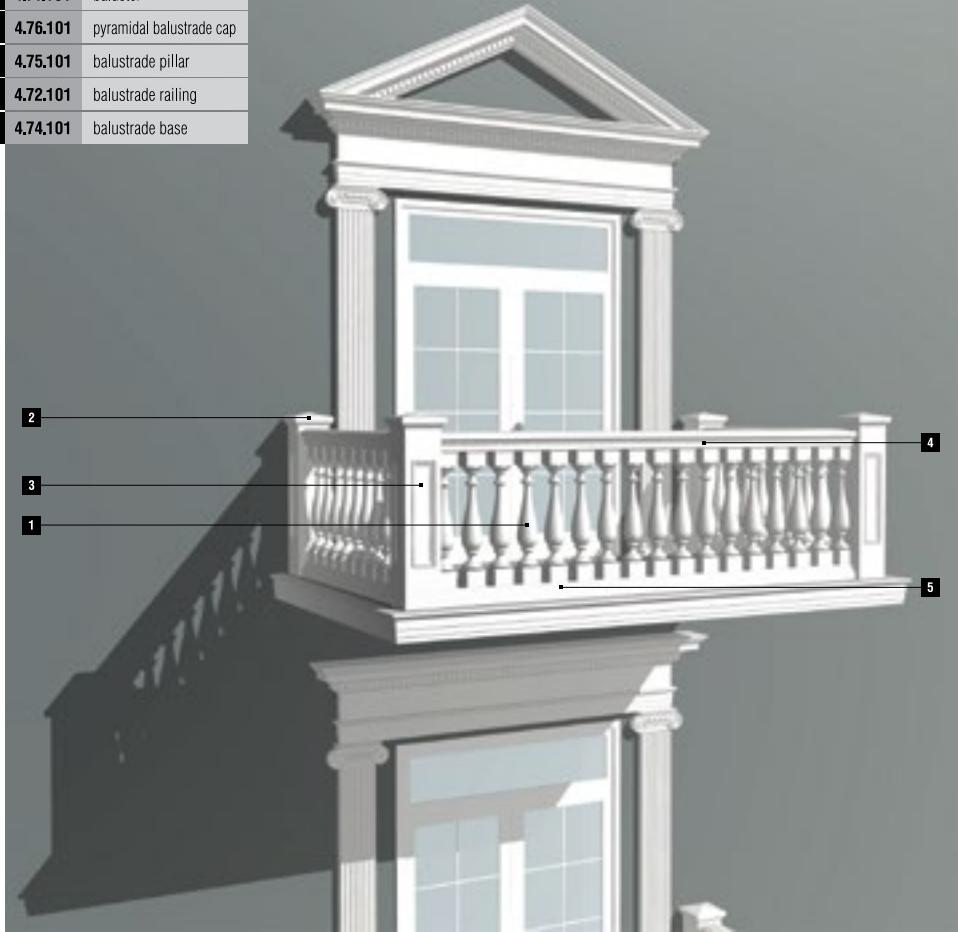


## balustrades

1	4.71.101	baluster
2	4.76.101	pyramidal balustrade cap
3	4.75.101	balustrade pillar
4	4.72.101	balustrade railing
5	4.74.101	balustrade base

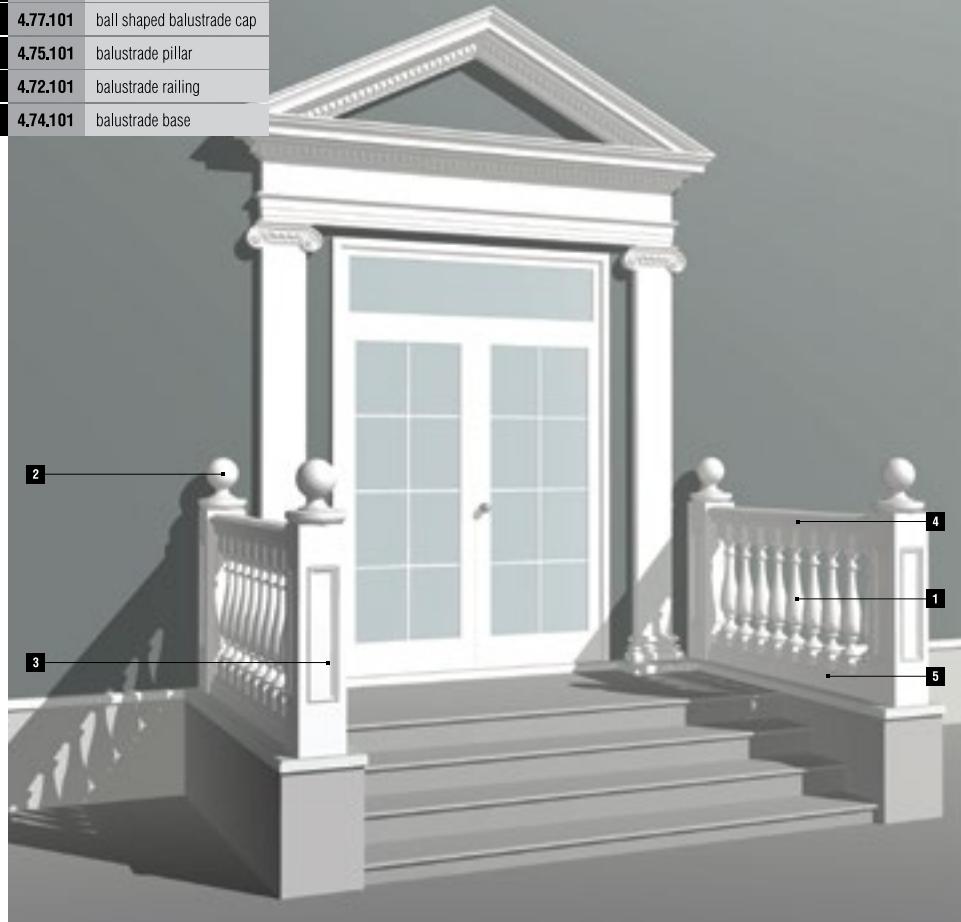


1	<b>4.71.101</b>	baluster
2	<b>4.76.101</b>	pyramidal balustrade cap
3	<b>4.75.101</b>	balustrade pillar
4	<b>4.72.101</b>	balustrade railing
5	<b>4.74.101</b>	balustrade base

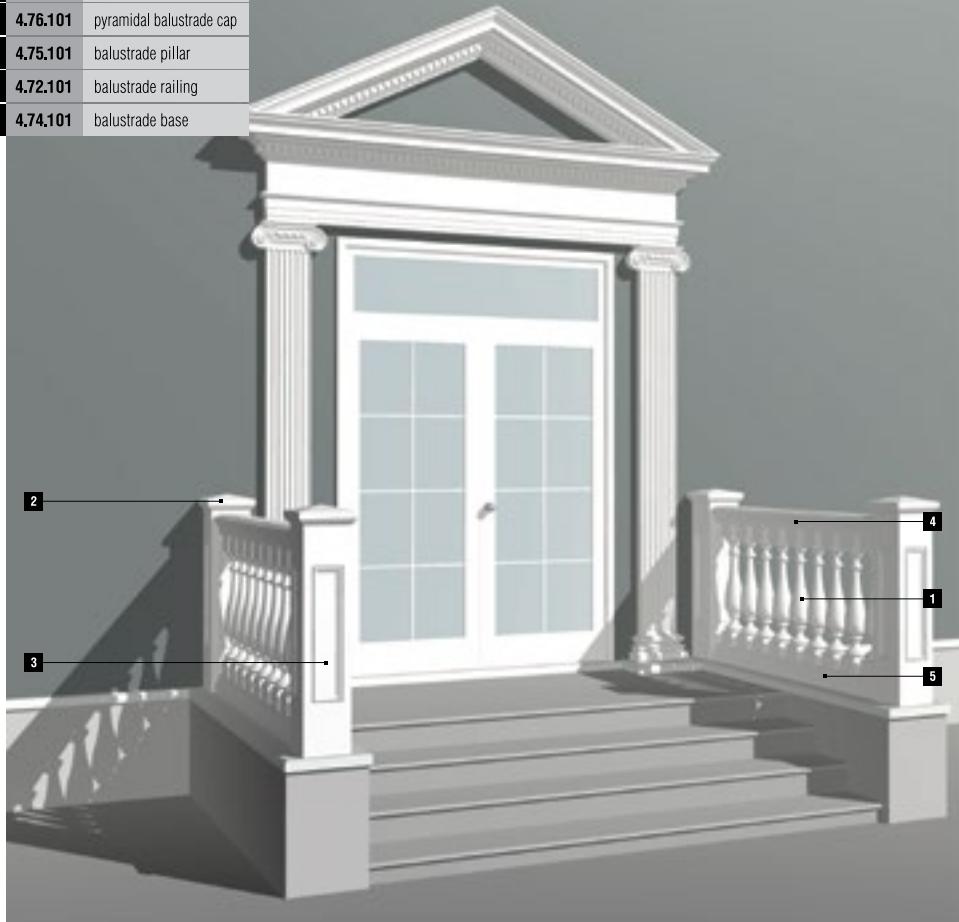


## balustrades

1	<b>4.71.101</b>	baluster
2	<b>4.77.101</b>	ball shaped balustrade cap
3	<b>4.75.101</b>	balustrade pillar
4	<b>4.72.101</b>	balustrade railing
5	<b>4.74.101</b>	balustrade base

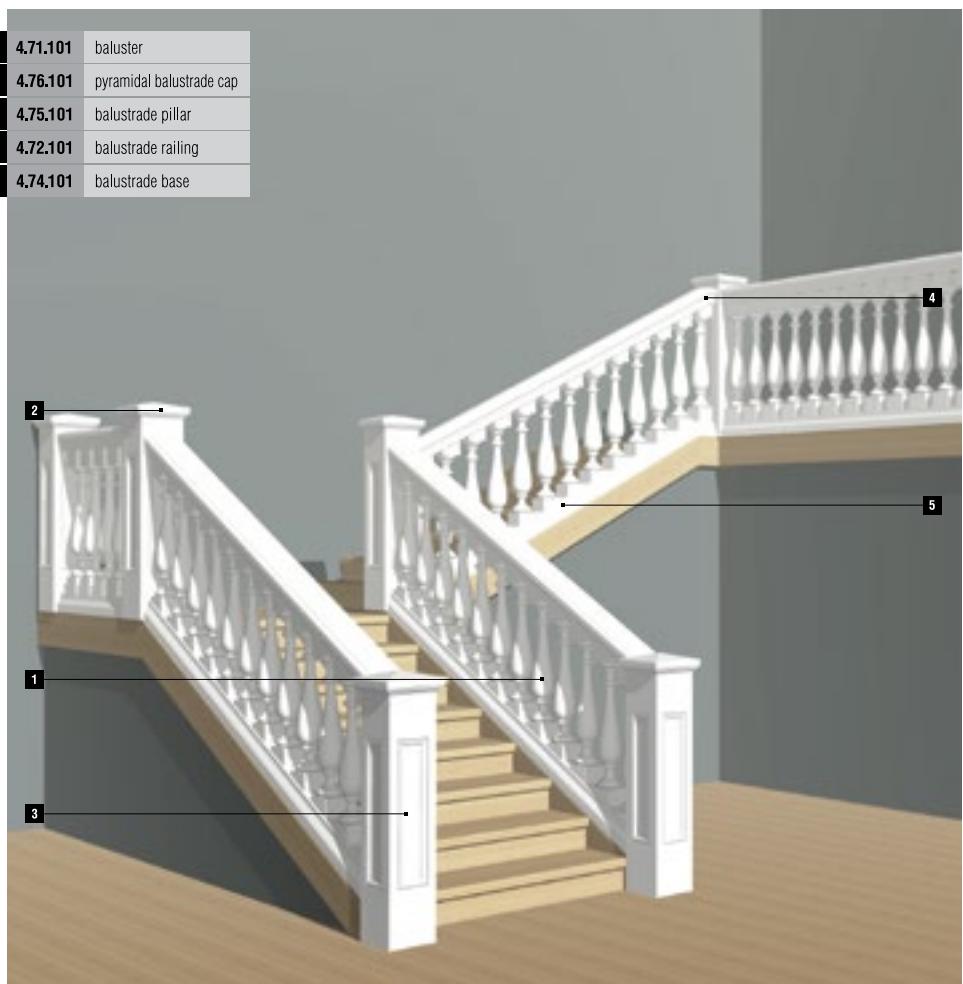


<b>1</b>	<b>4.71.101</b>	baluster
<b>2</b>	<b>4.76.101</b>	pyramidal balustrade cap
<b>3</b>	<b>4.75.101</b>	balustrade pillar
<b>4</b>	<b>4.72.101</b>	balustrade railing
<b>5</b>	<b>4.74.101</b>	balustrade base



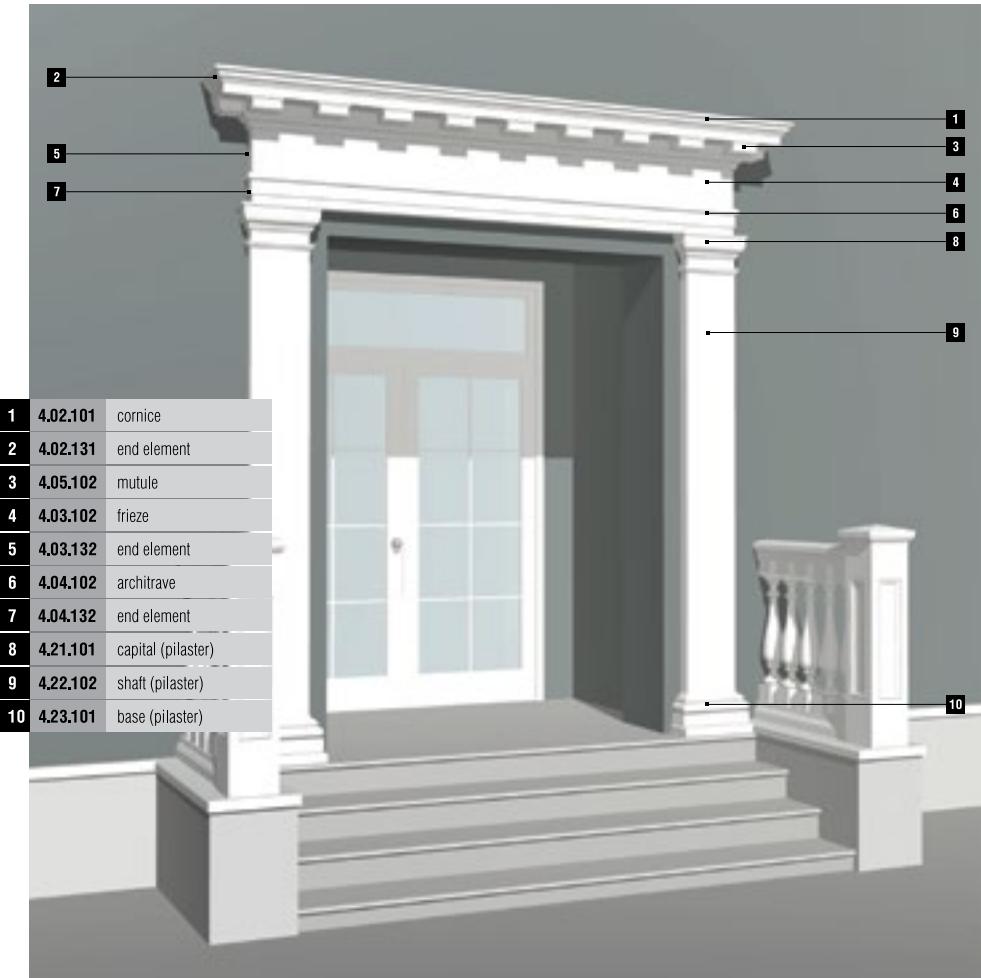
## balustrades

1	4.71.101	baluster
2	4.76.101	pyramidal balustrade cap
3	4.75.101	balustrade pillar
4	4.72.101	balustrade railing
5	4.74.101	balustrade base

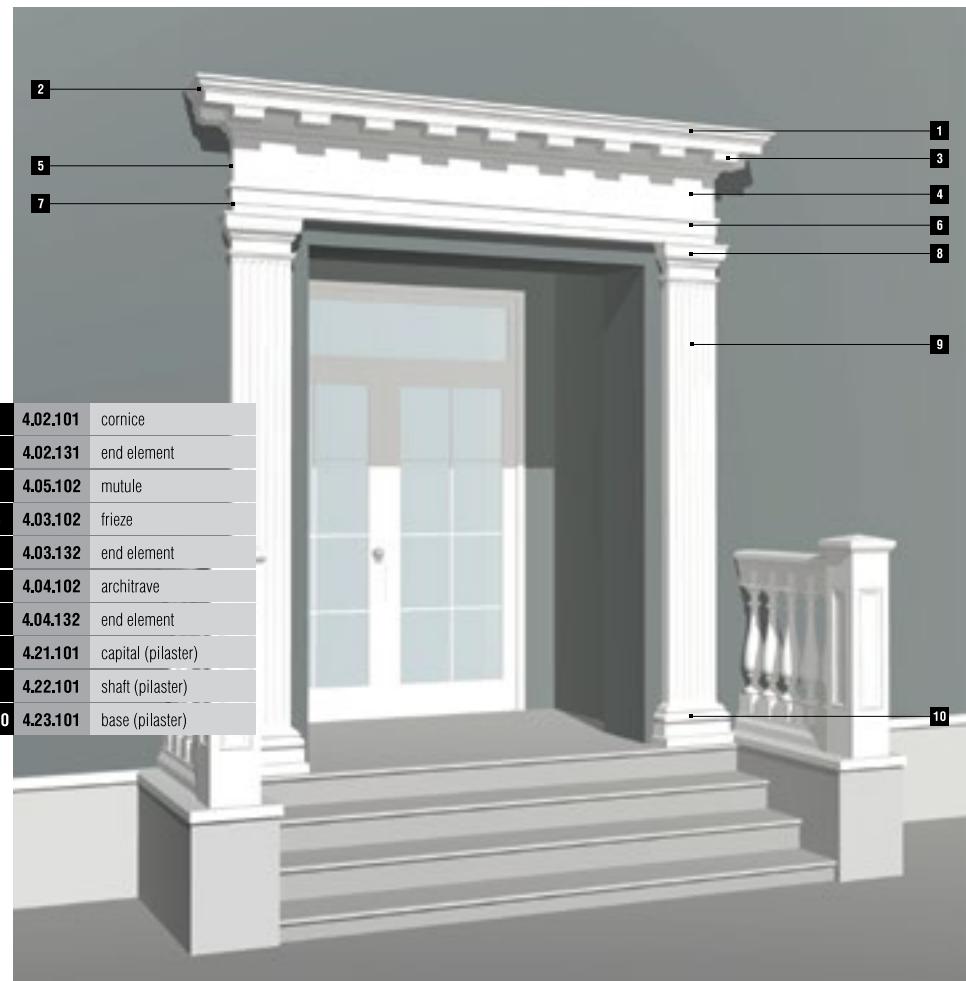


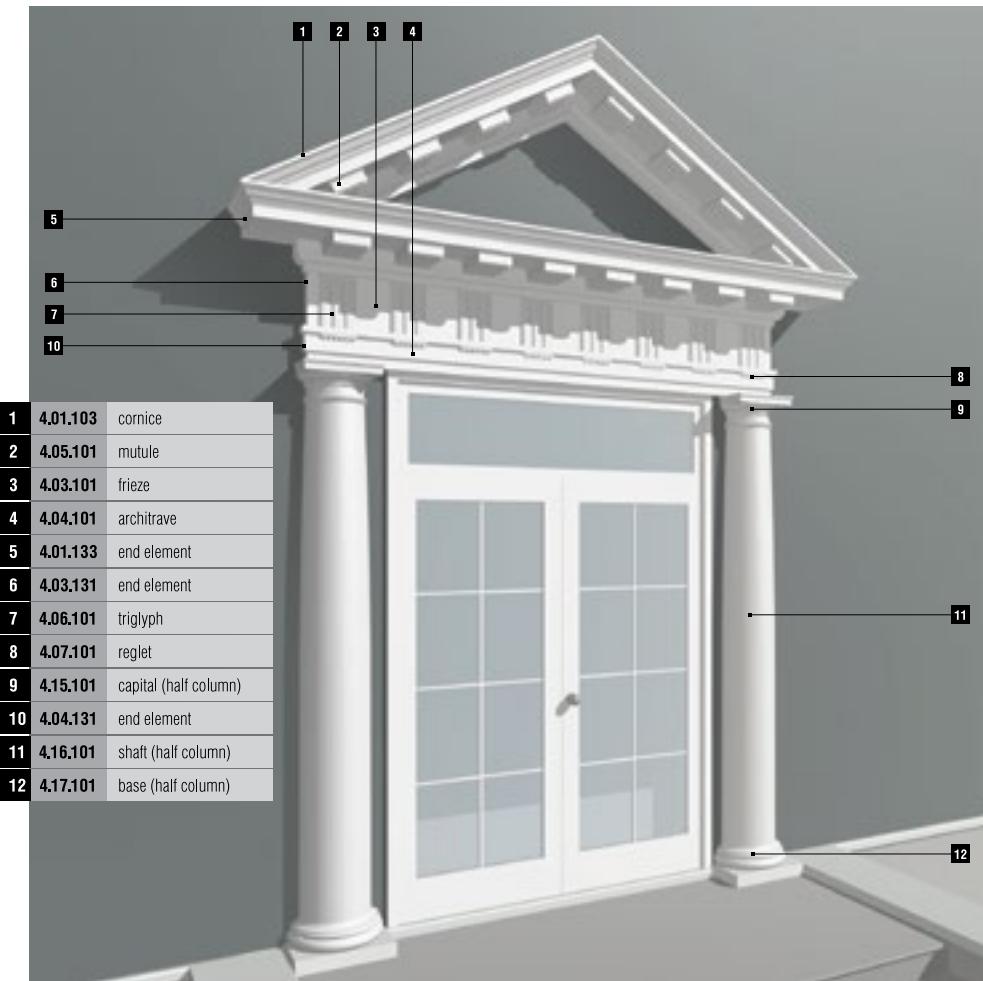
## main entrances

examples

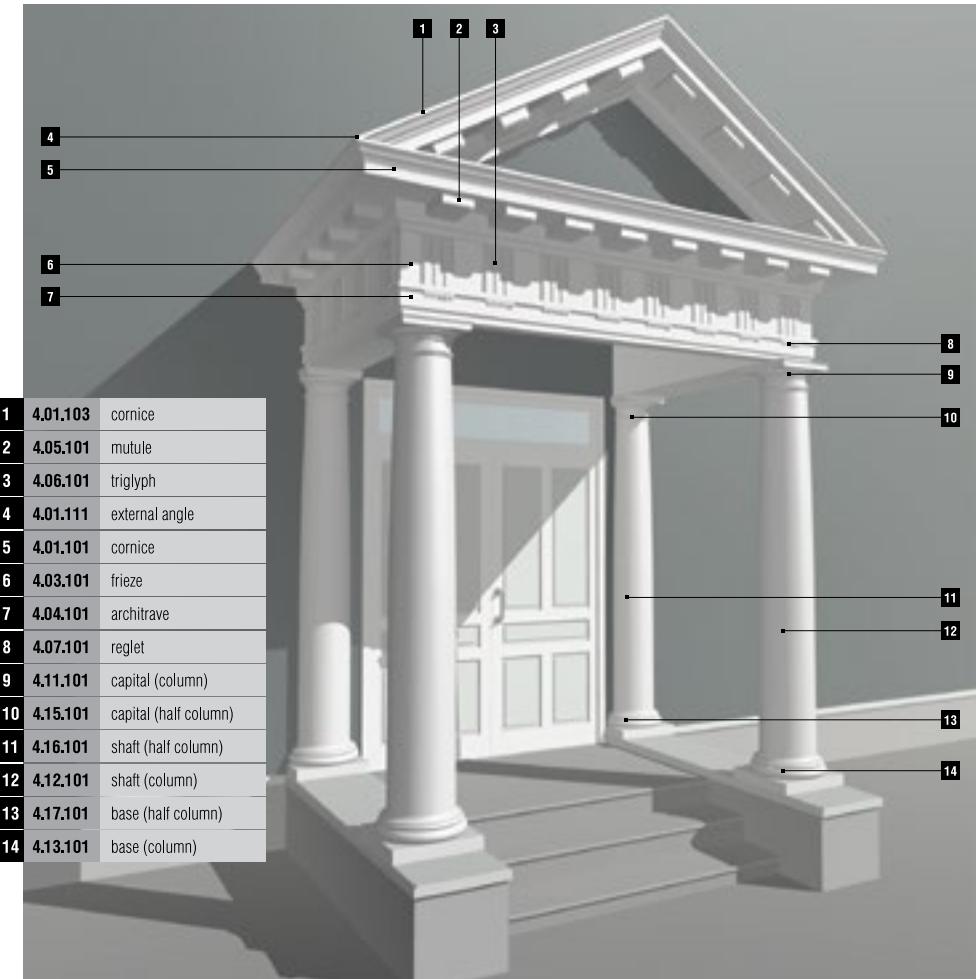


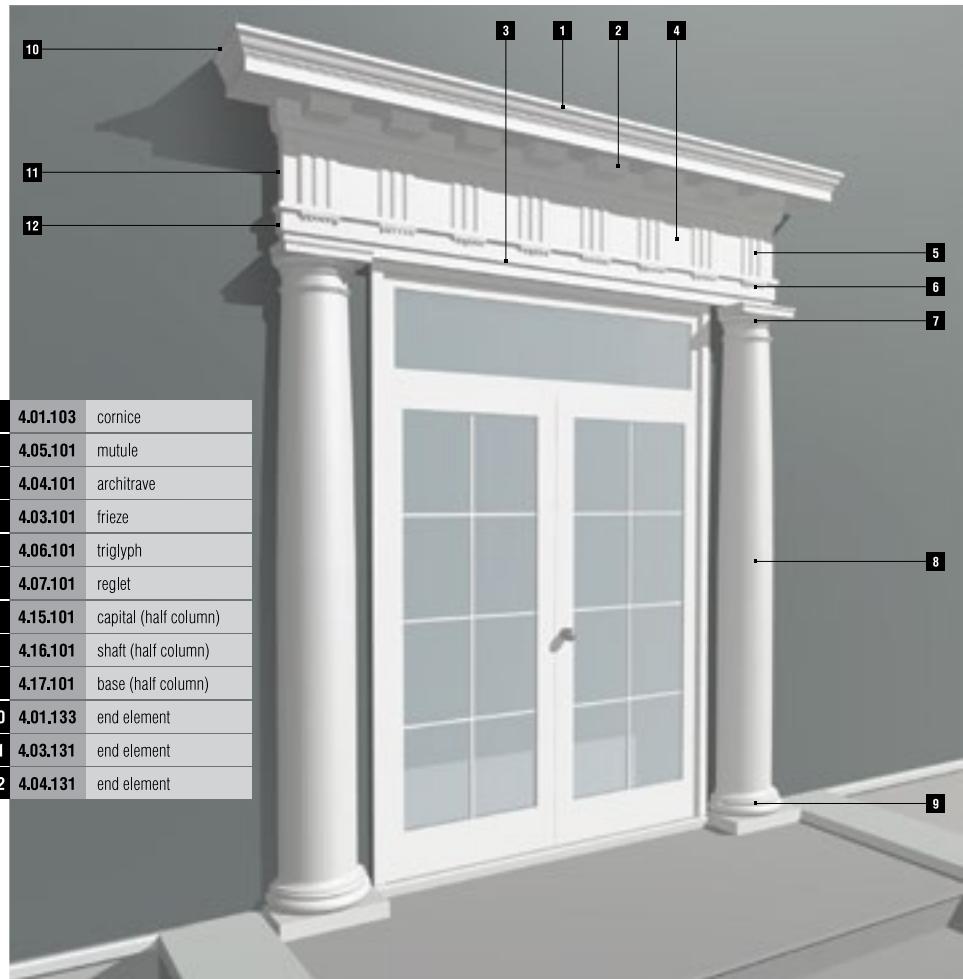
## main entrances



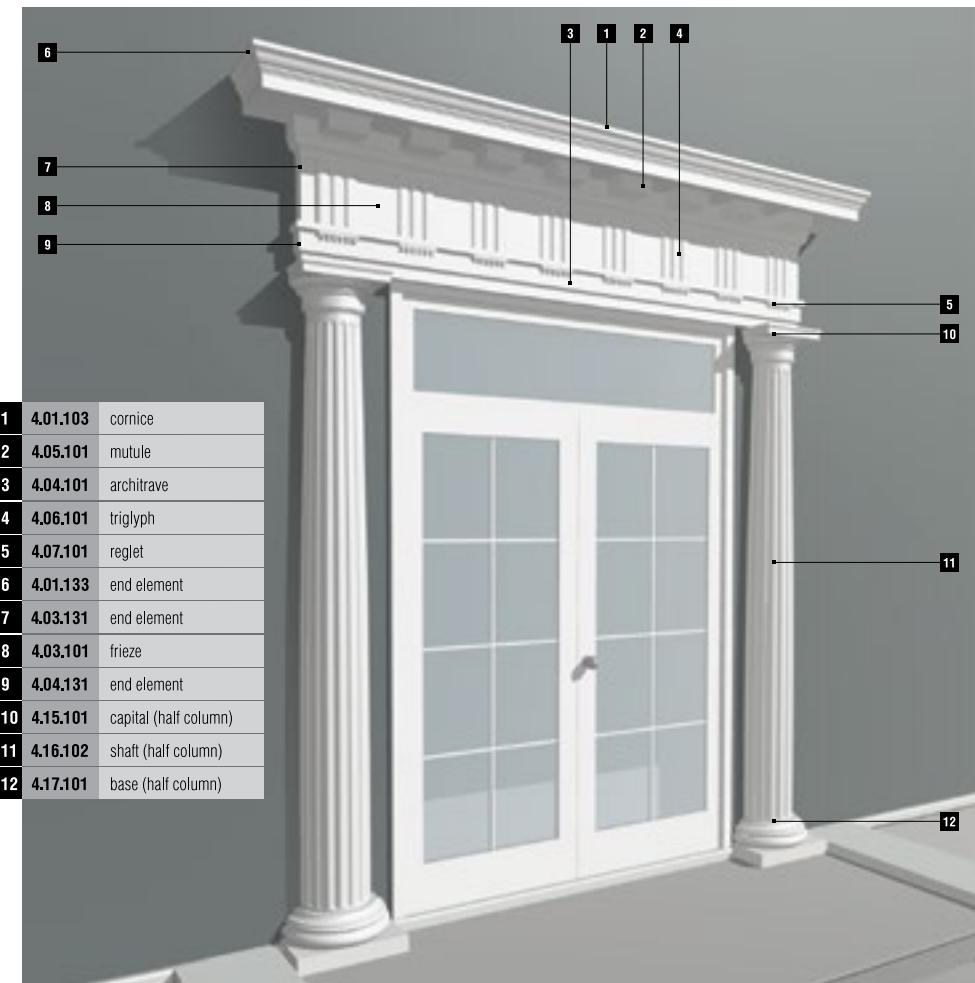


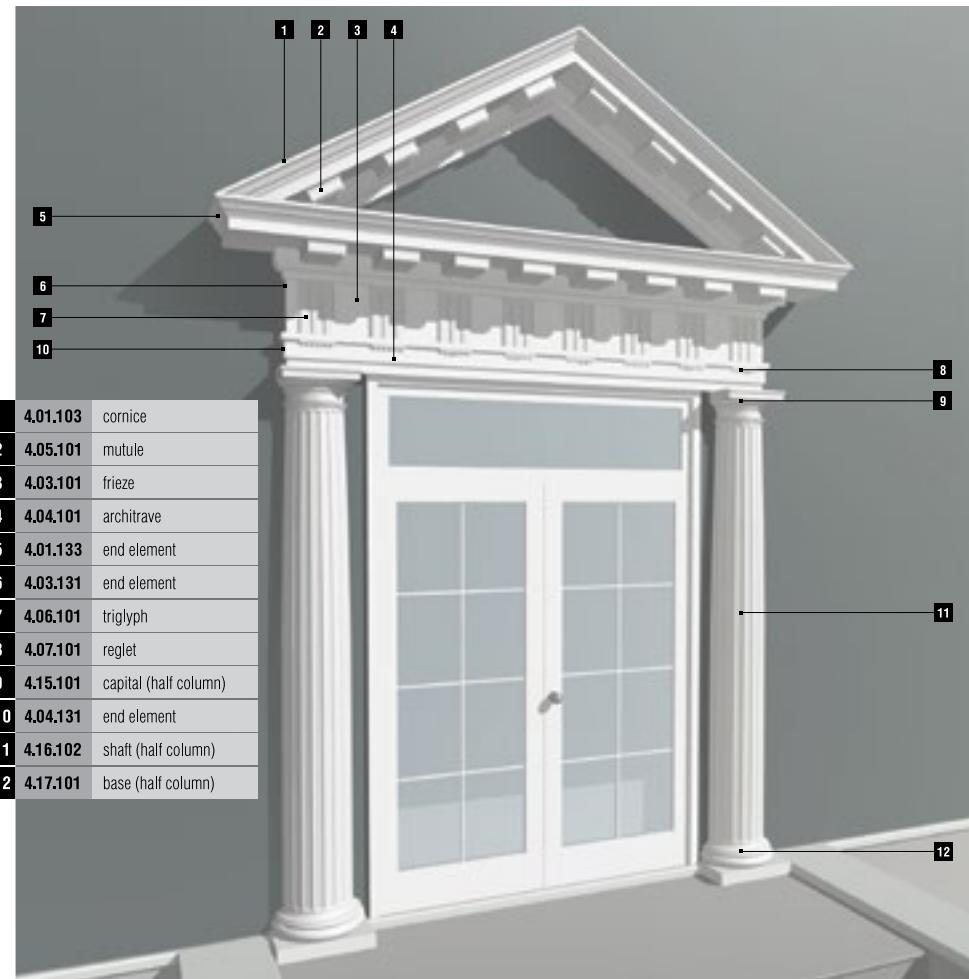
## main entrances



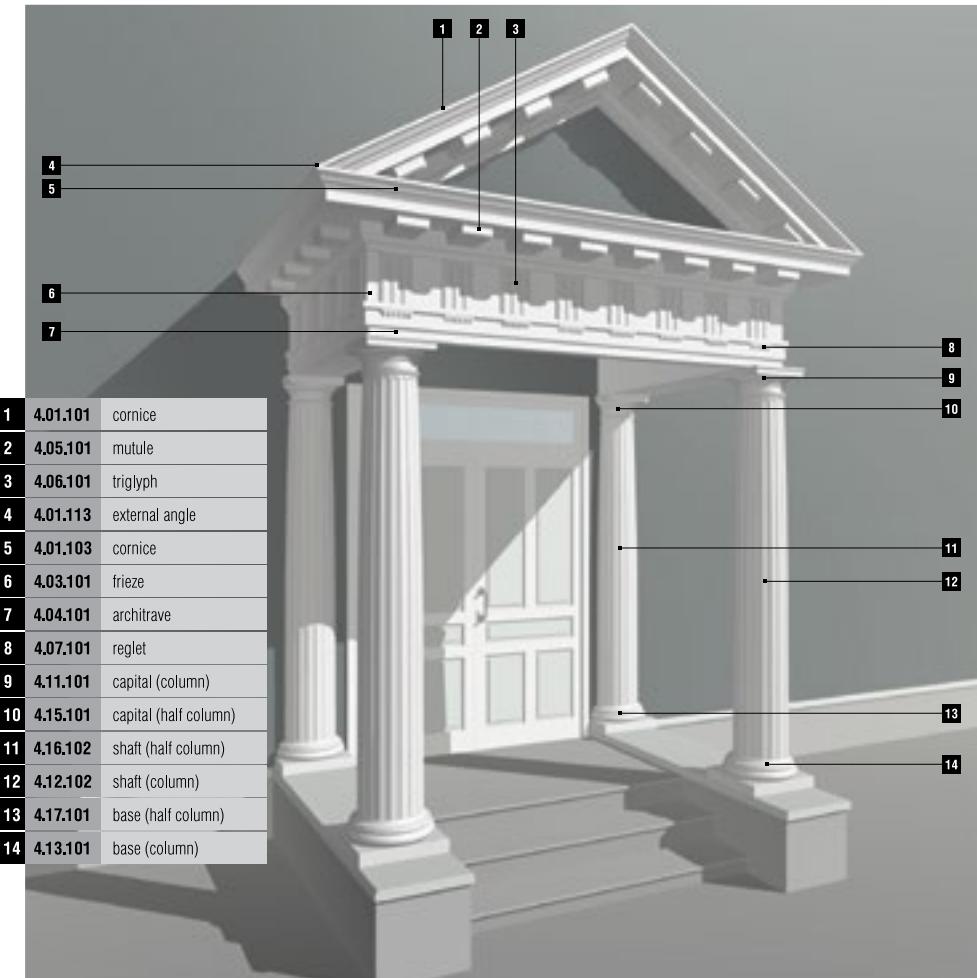


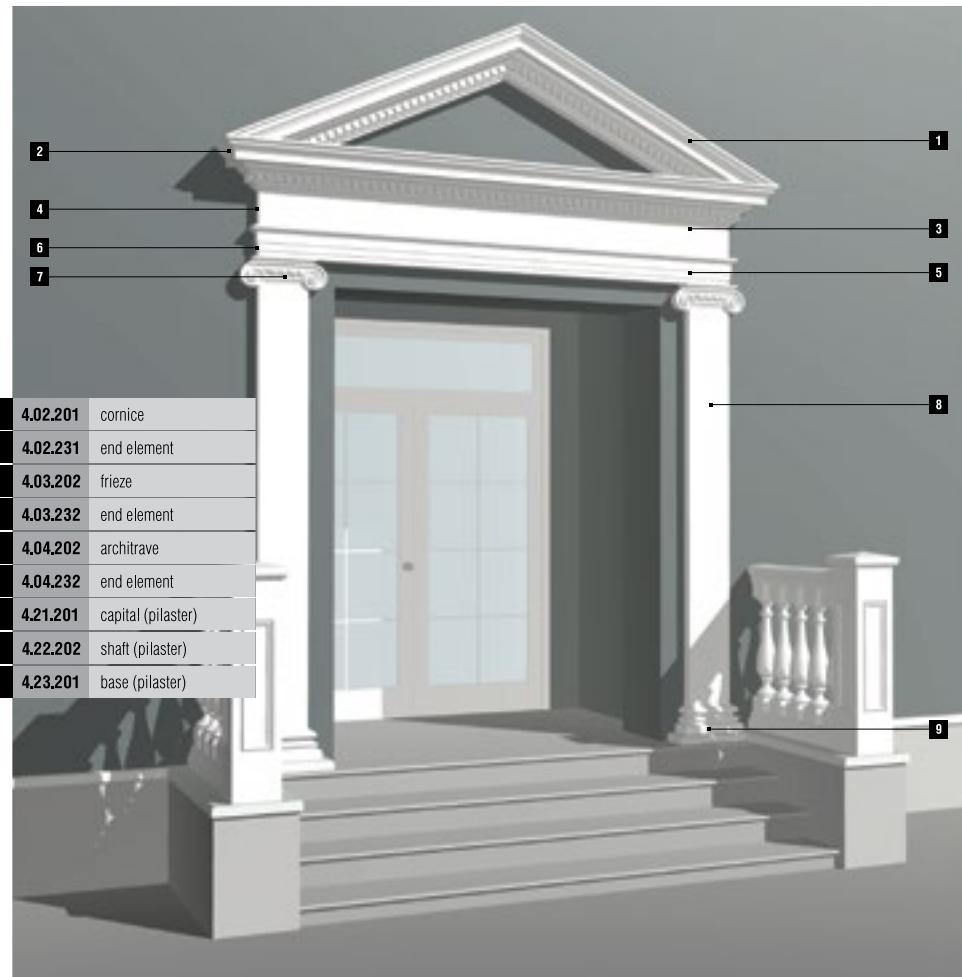
## main entrances



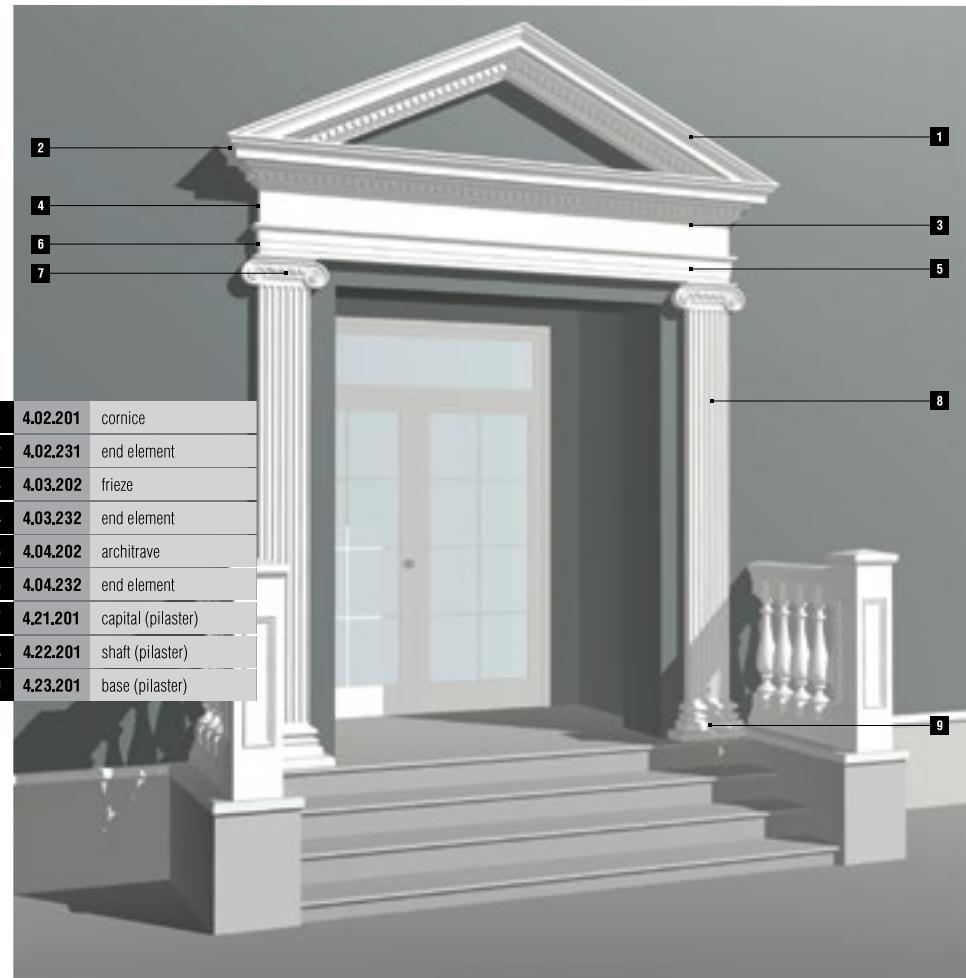


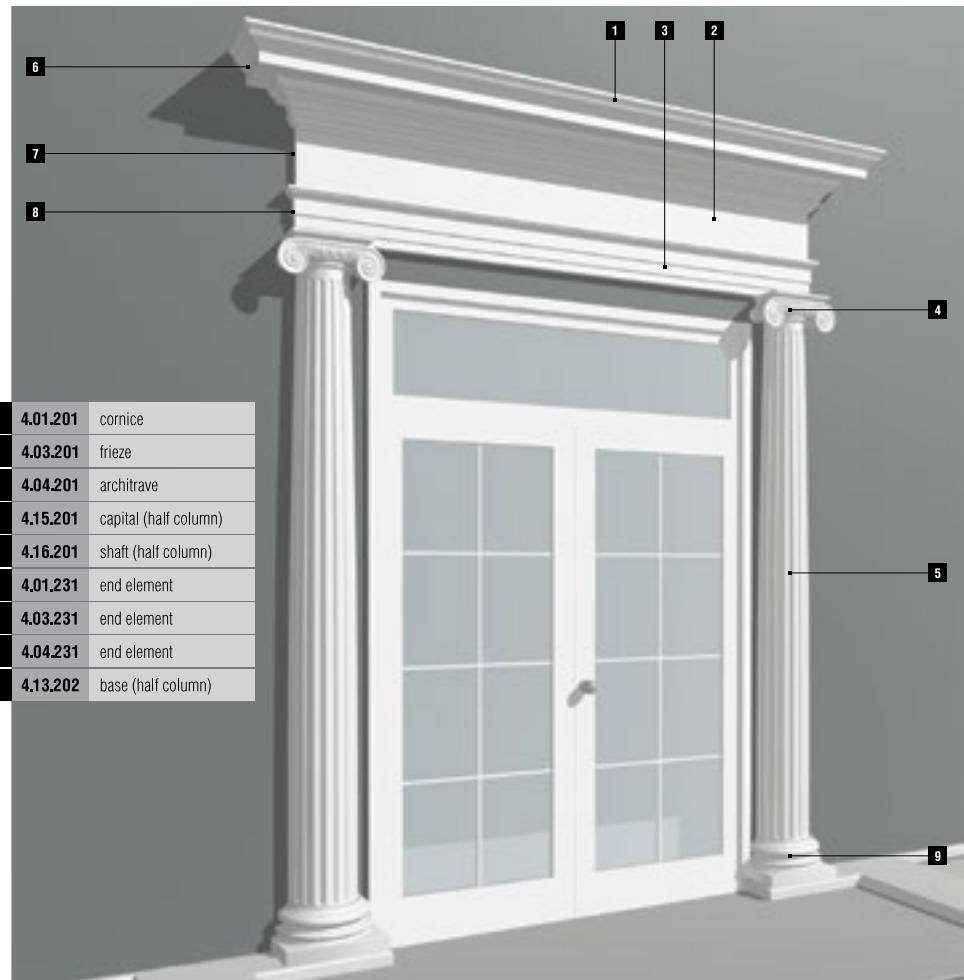
## main entrances



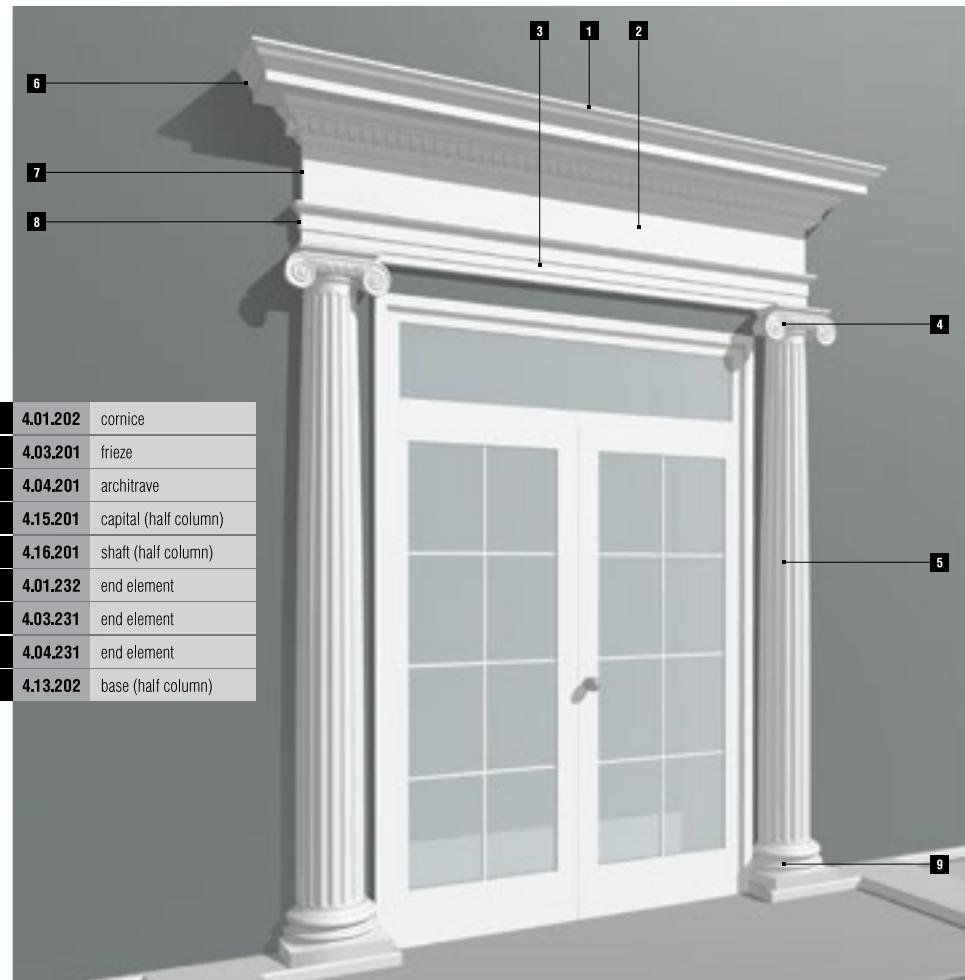


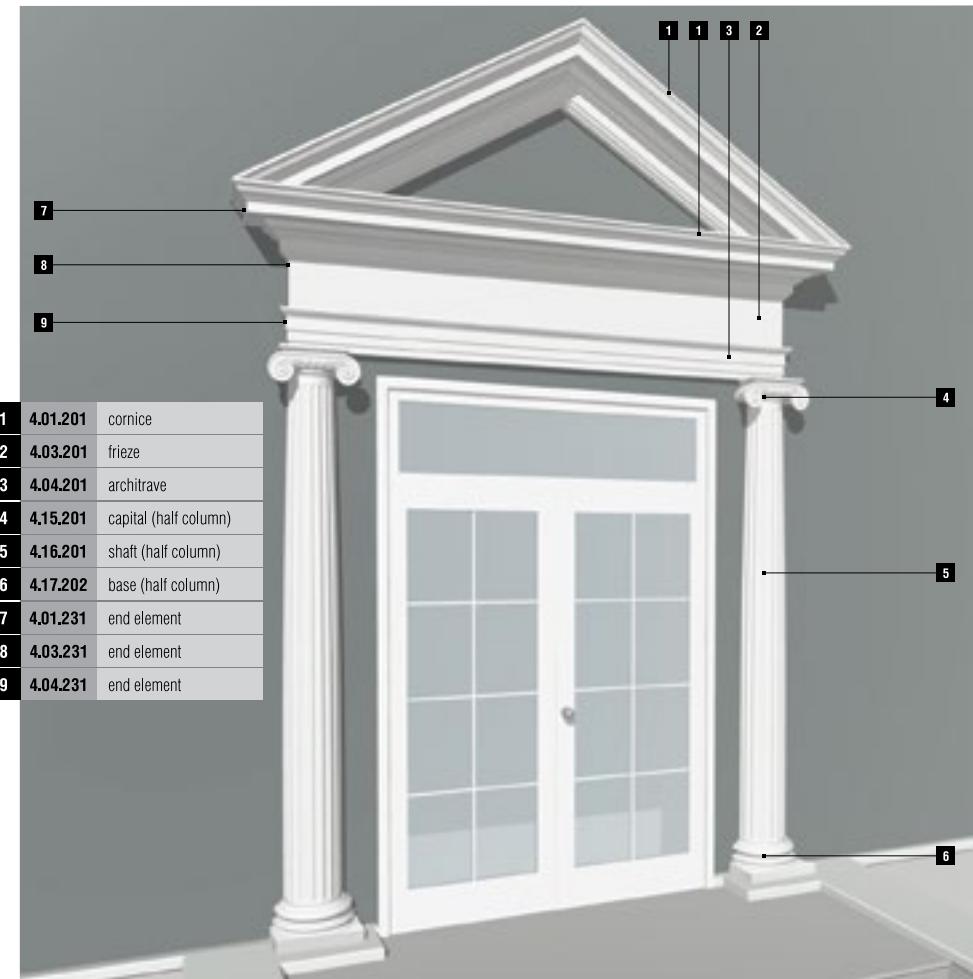
## main entrances



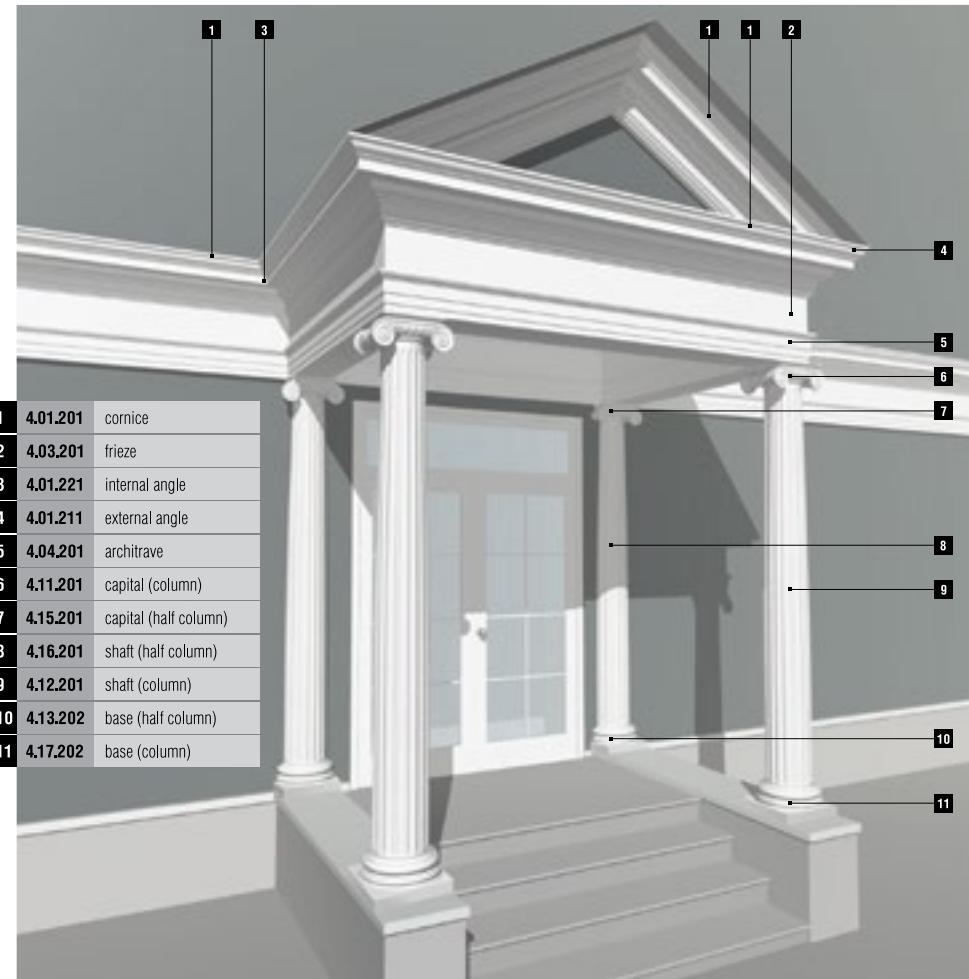


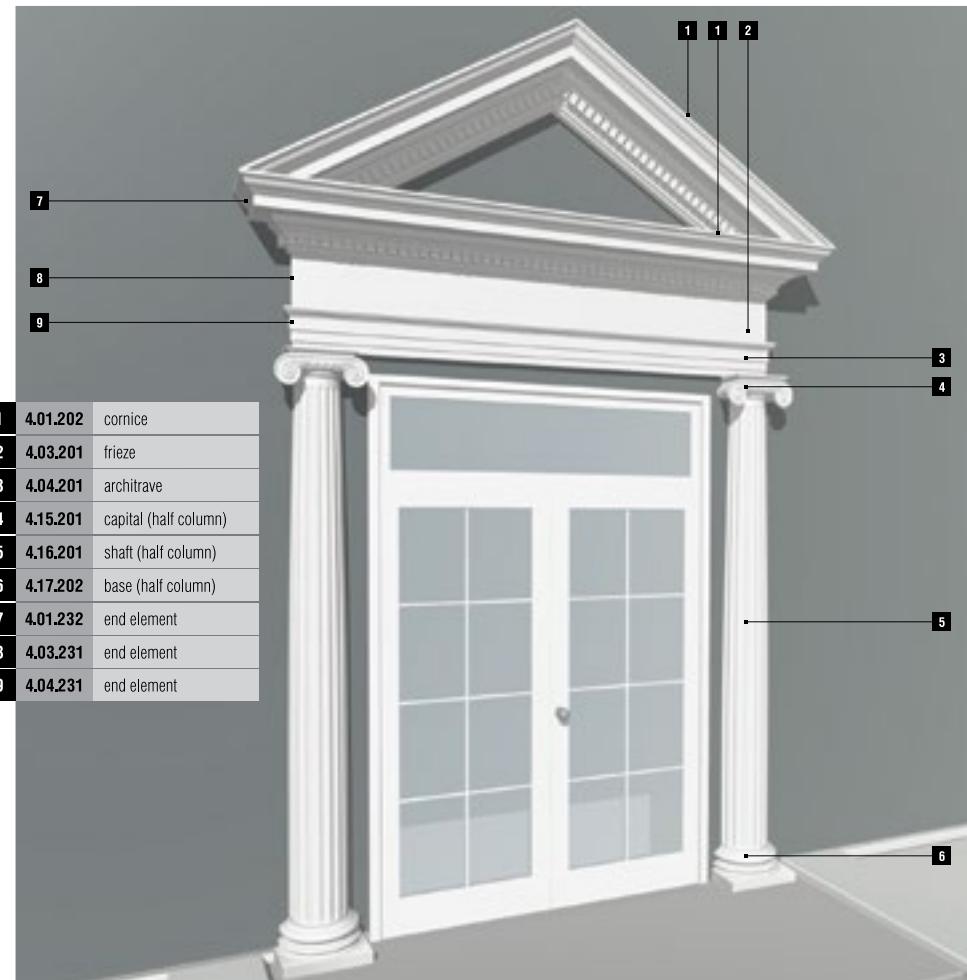
## main entrances



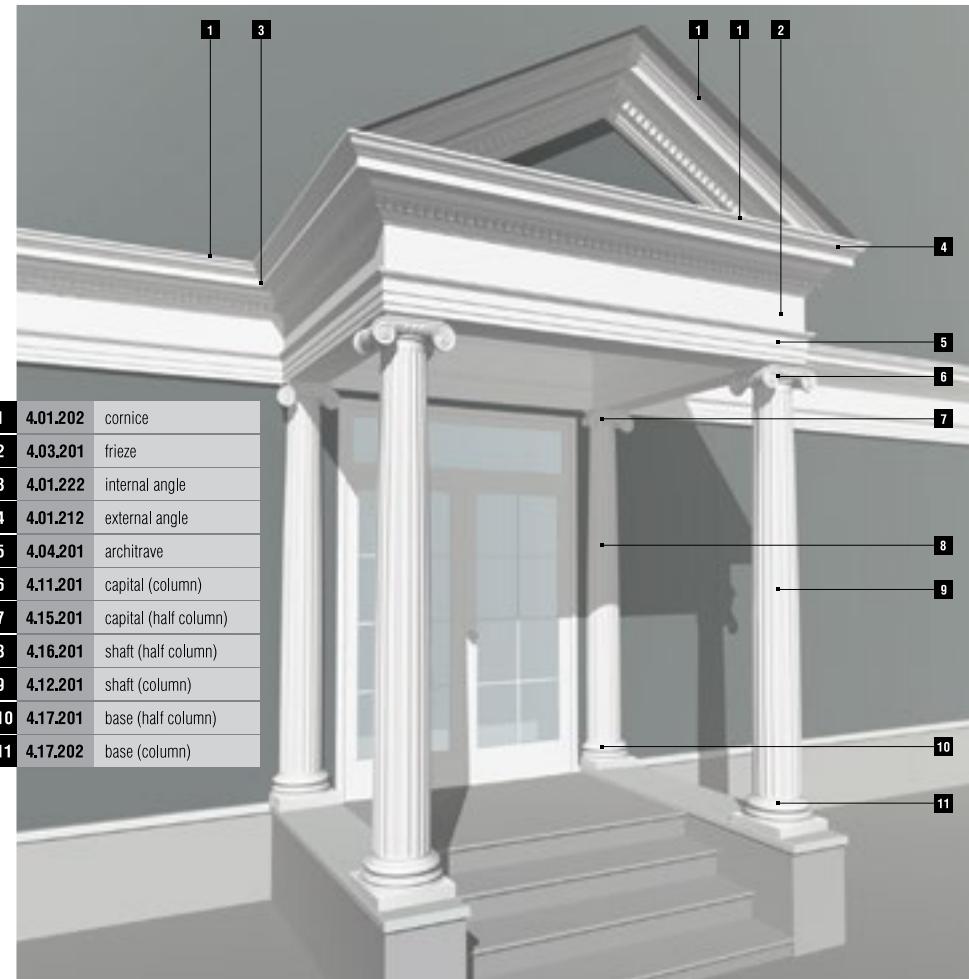


## main entrances

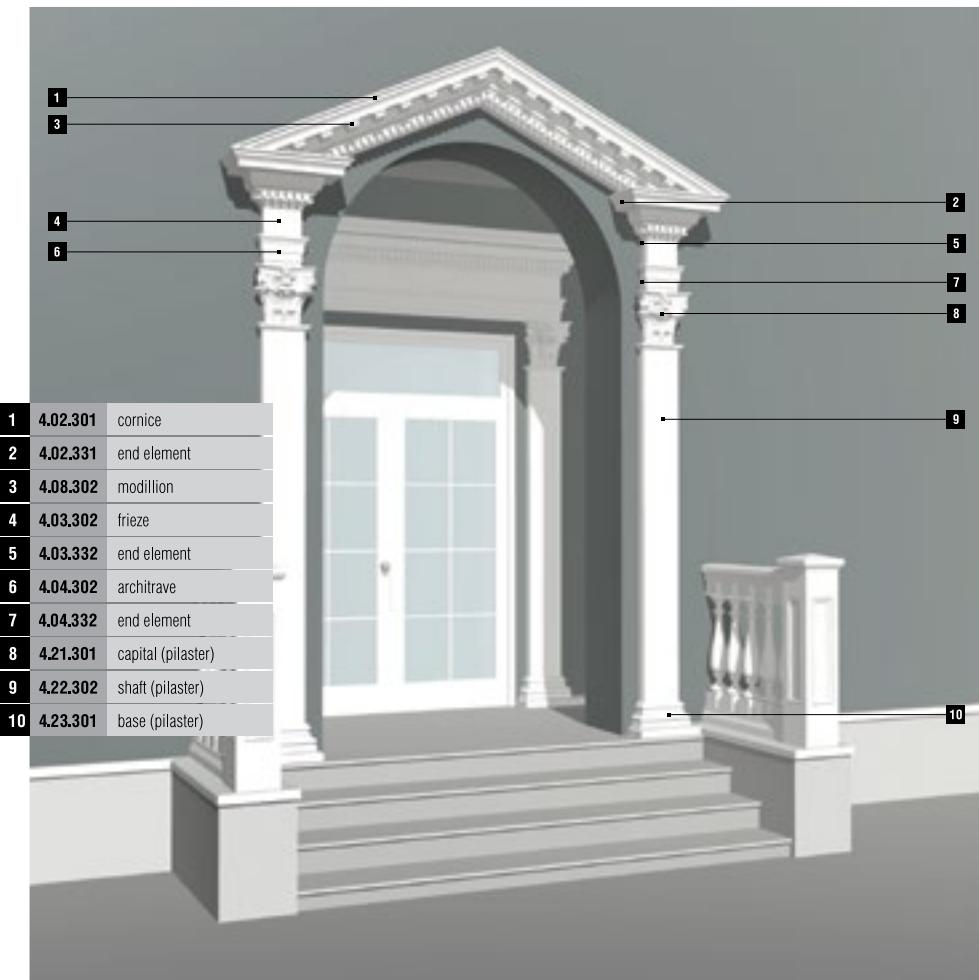




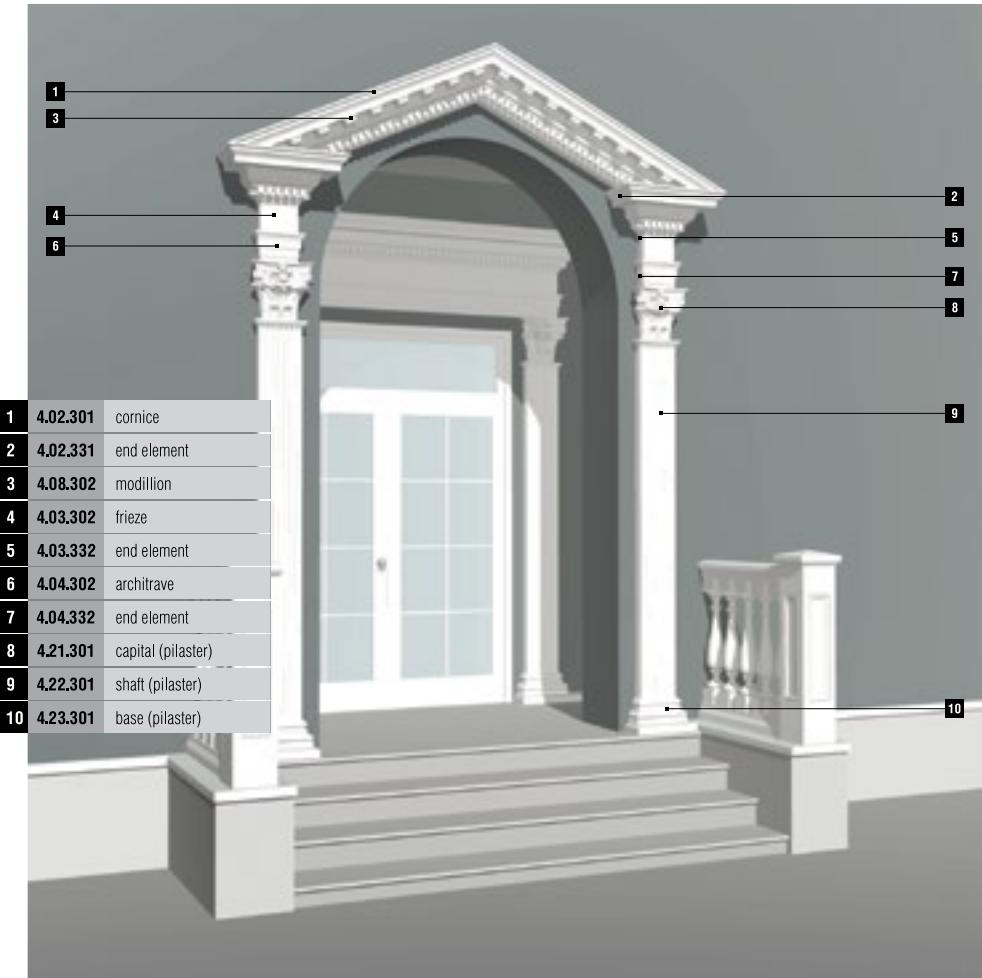
## main entrances

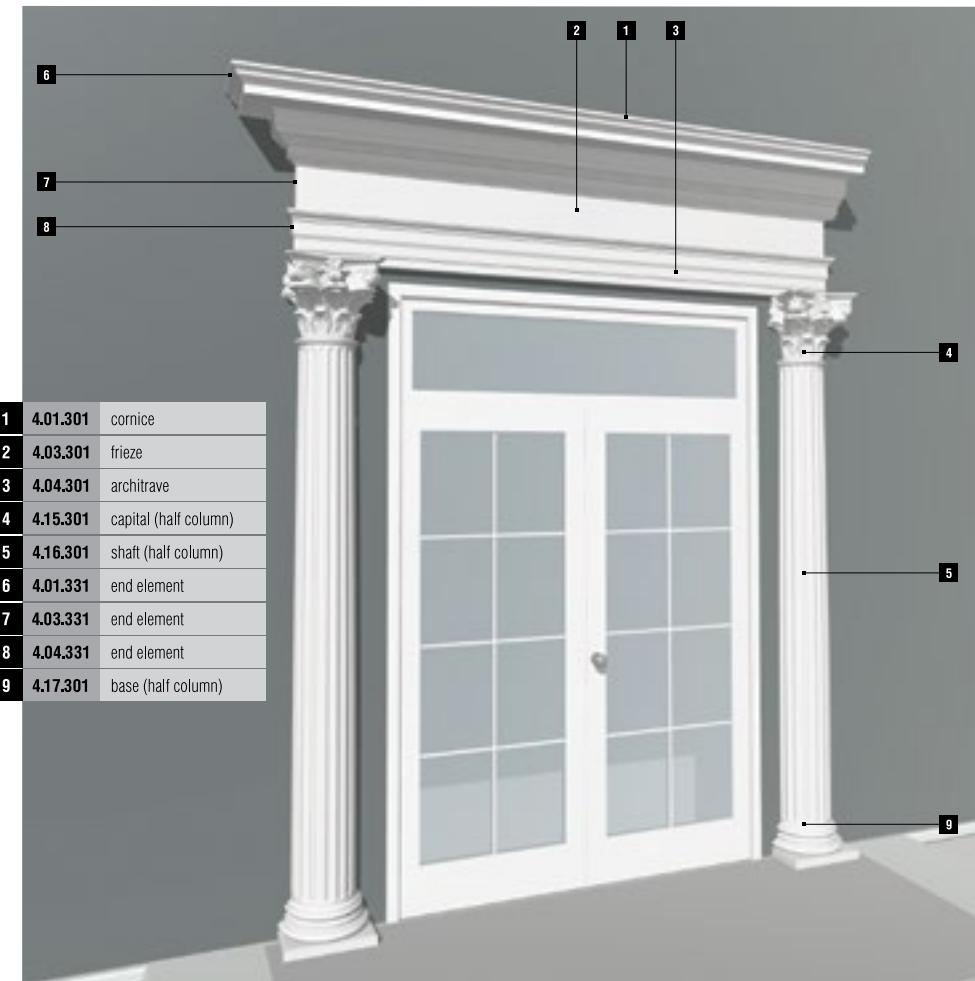


1	4.01.202	cornice
2	4.03.201	frieze
3	4.01.222	internal angle
4	4.01.212	external angle
5	4.04.201	architrave
6	4.11.201	capital (column)
7	4.15.201	capital (half column)
8	4.16.201	shaft (half column)
9	4.12.201	shaft (column)
10	4.17.201	base (half column)
11	4.17.202	base (column)

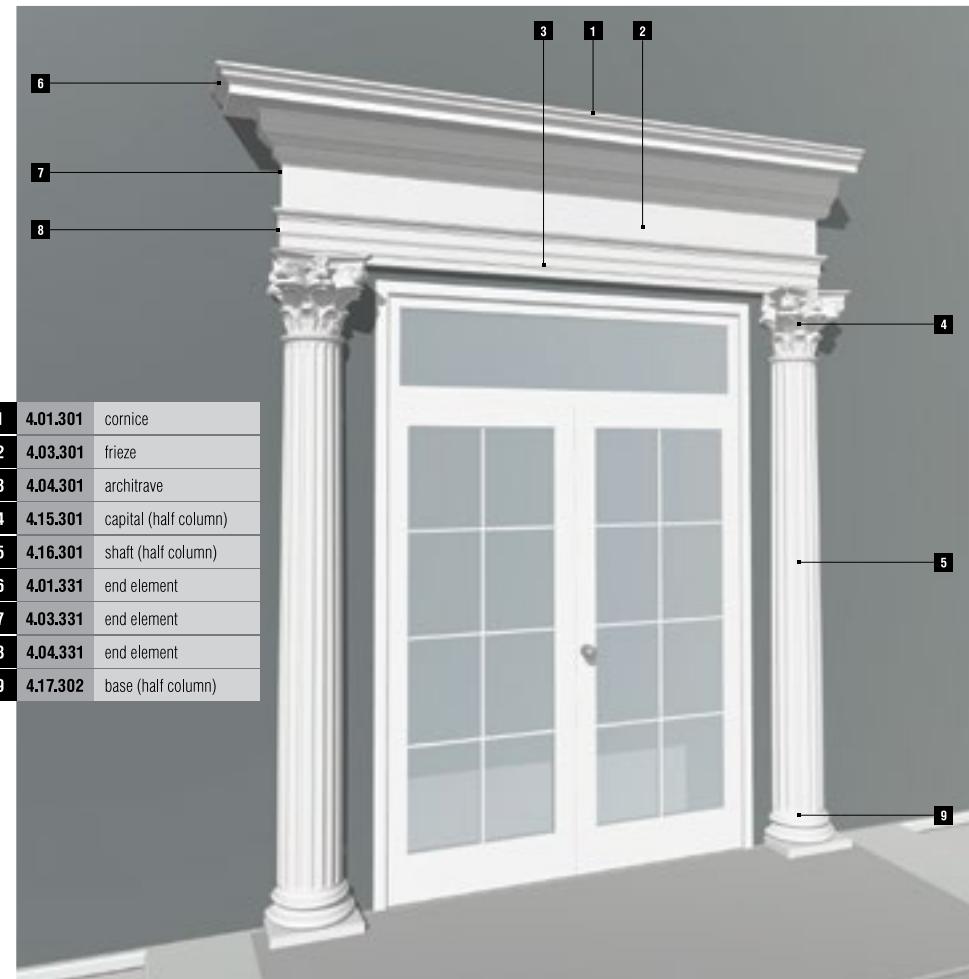


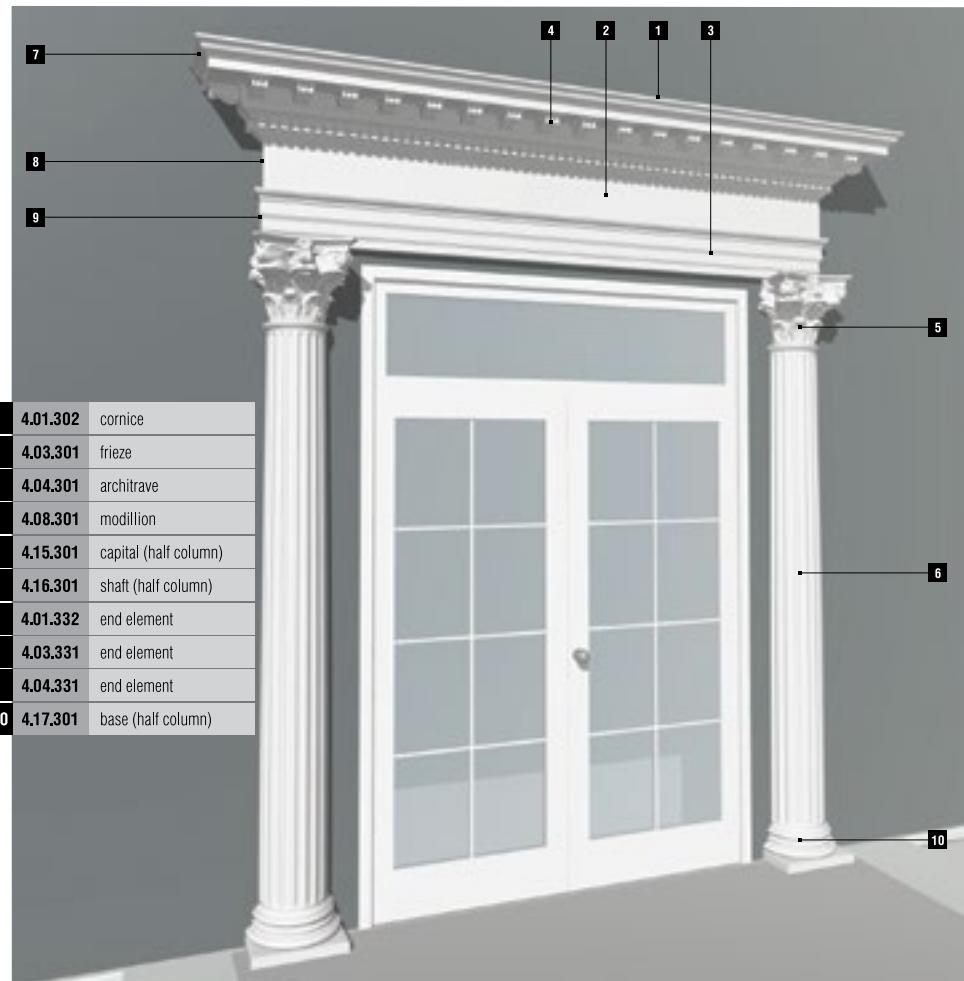
## main entrances



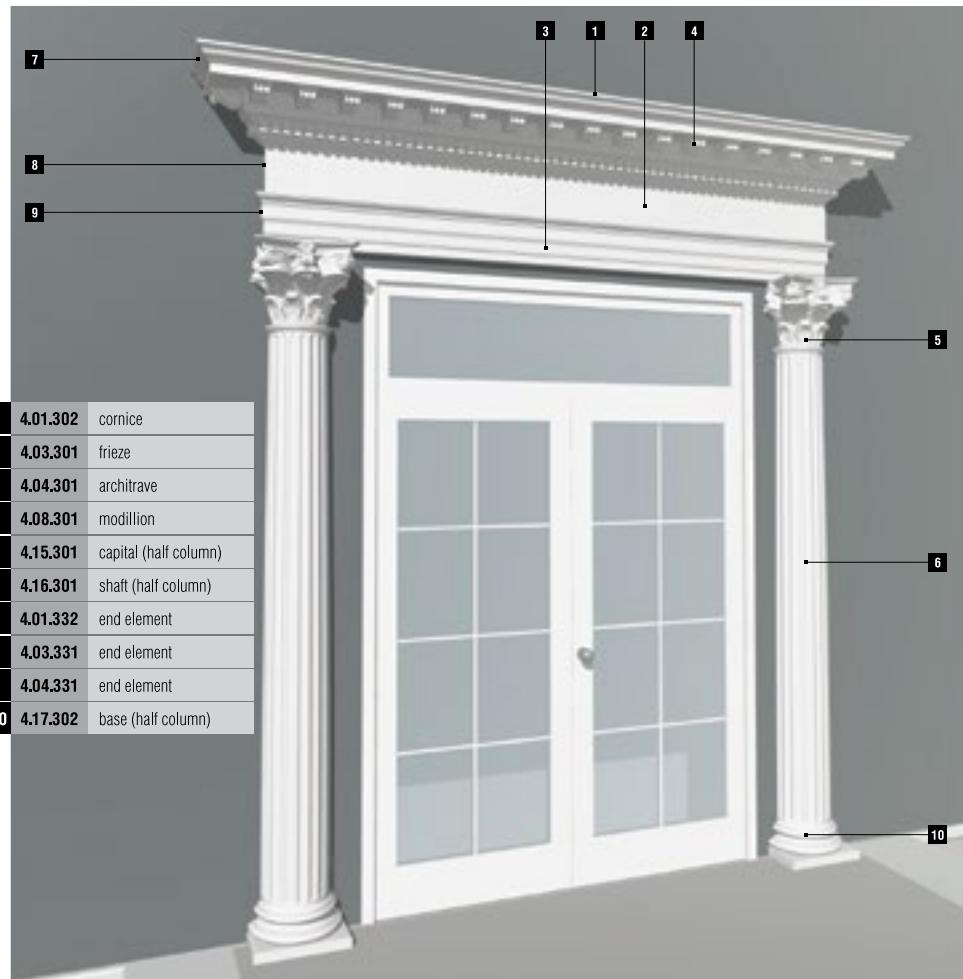


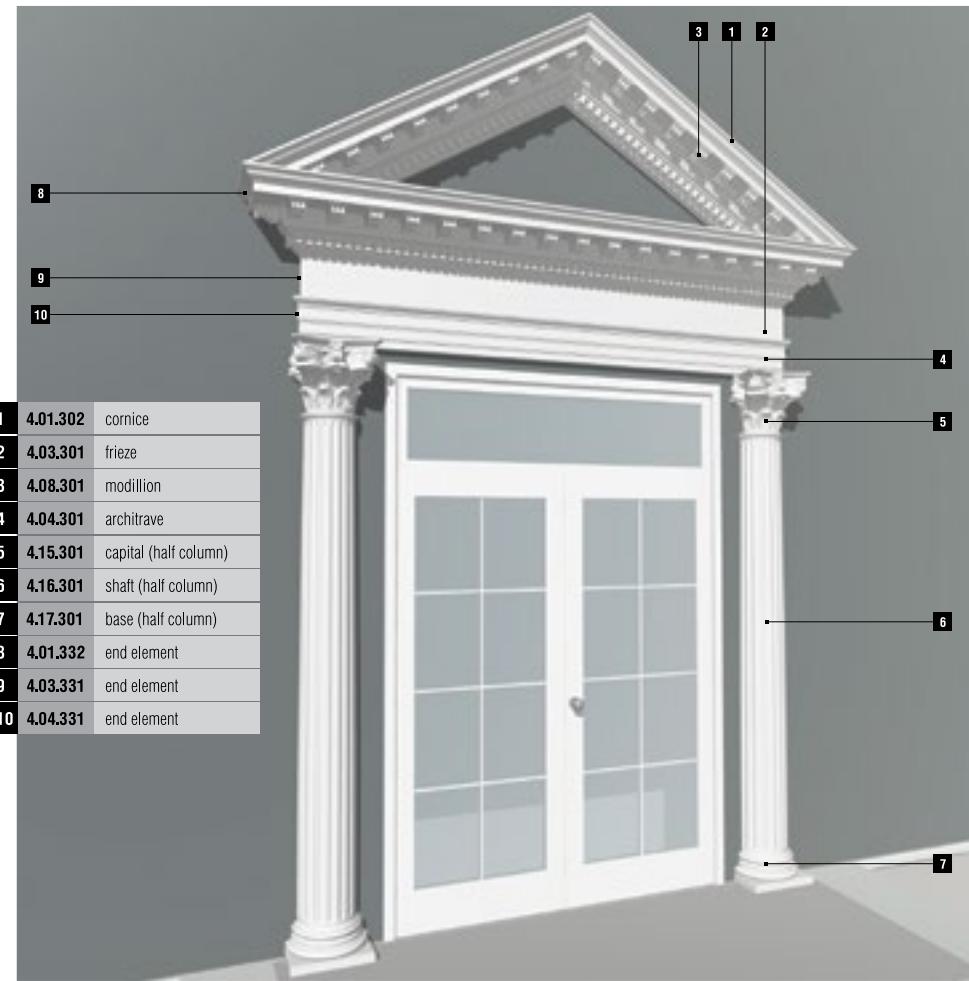
## main entrances



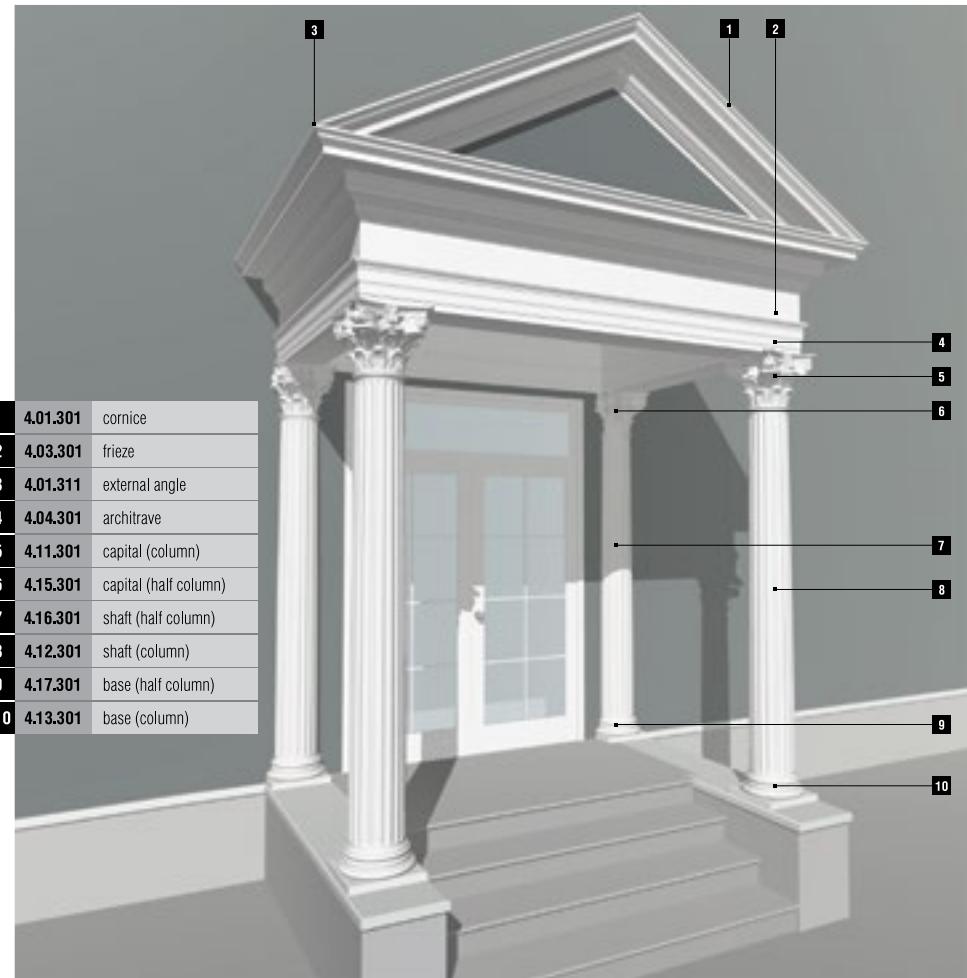


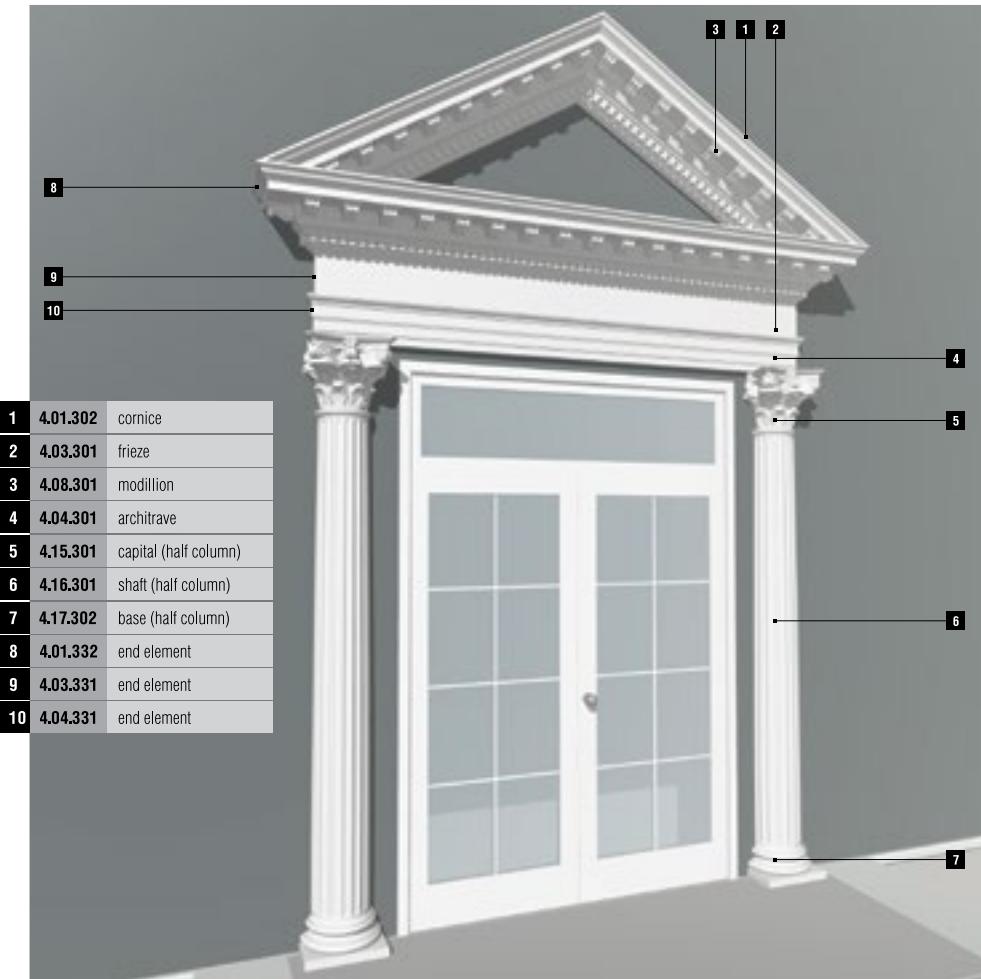
## main entrances



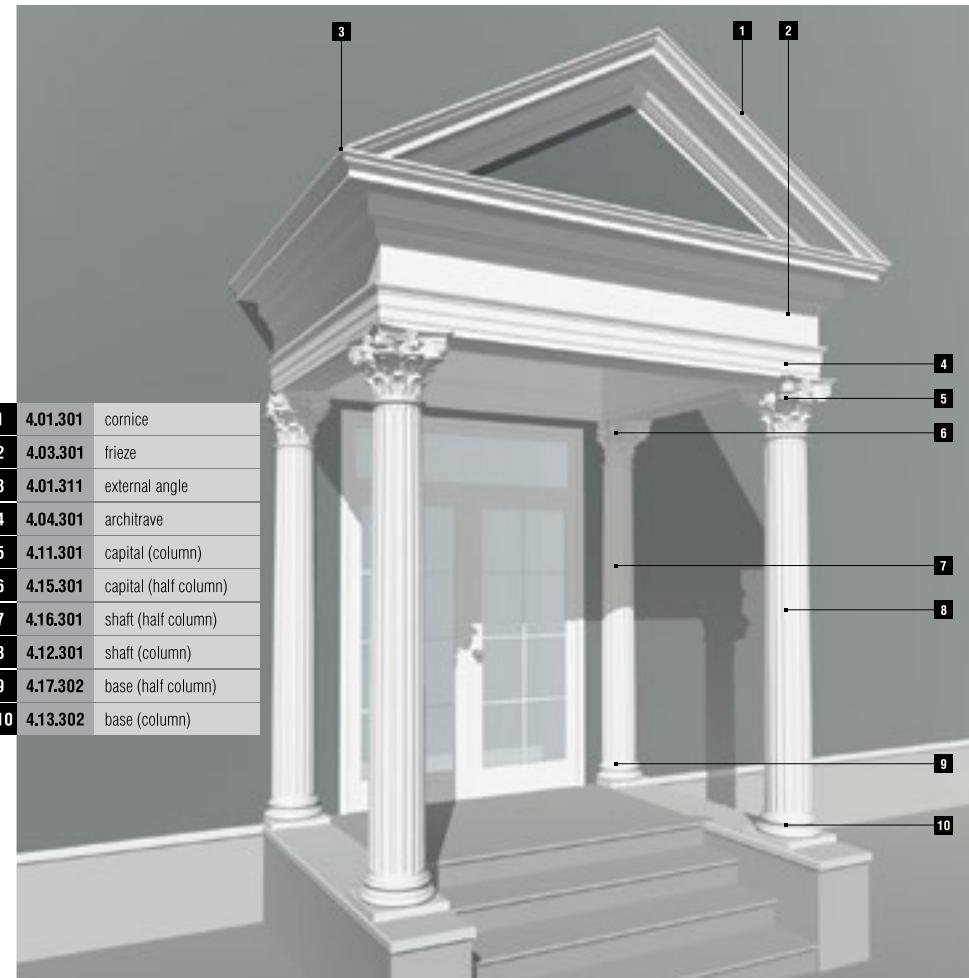


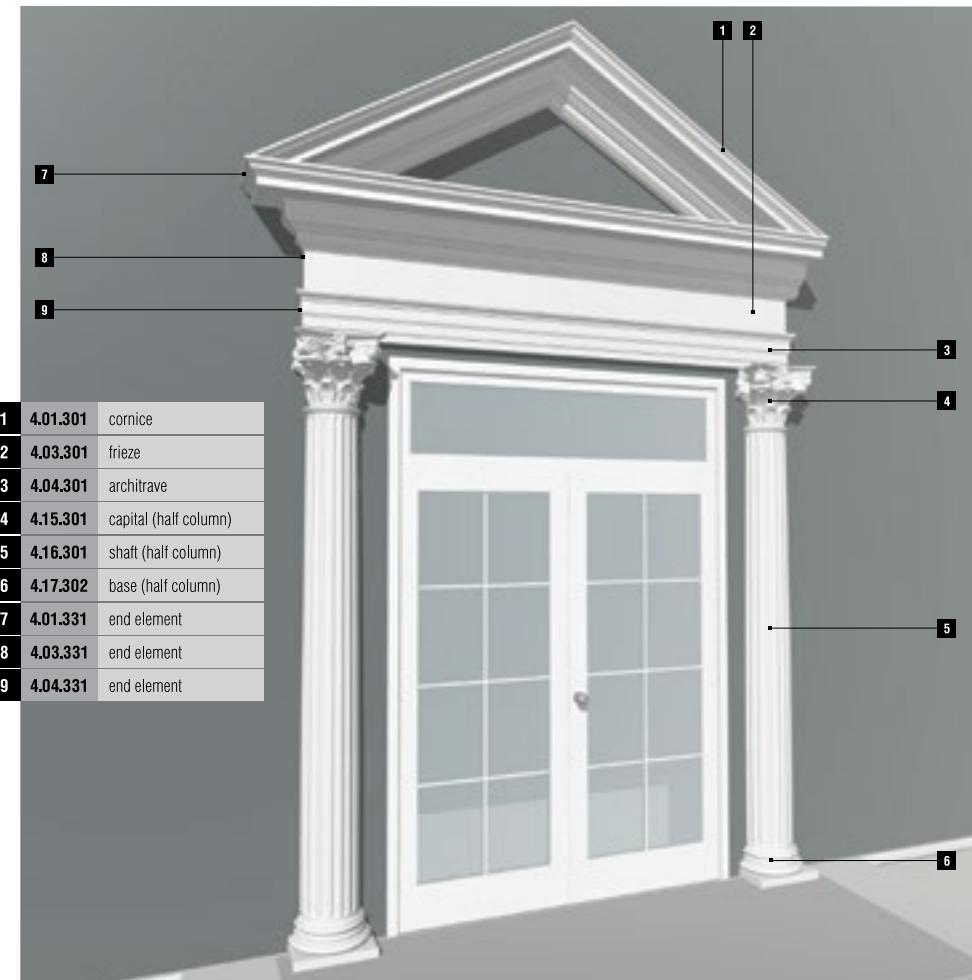
## main entrances



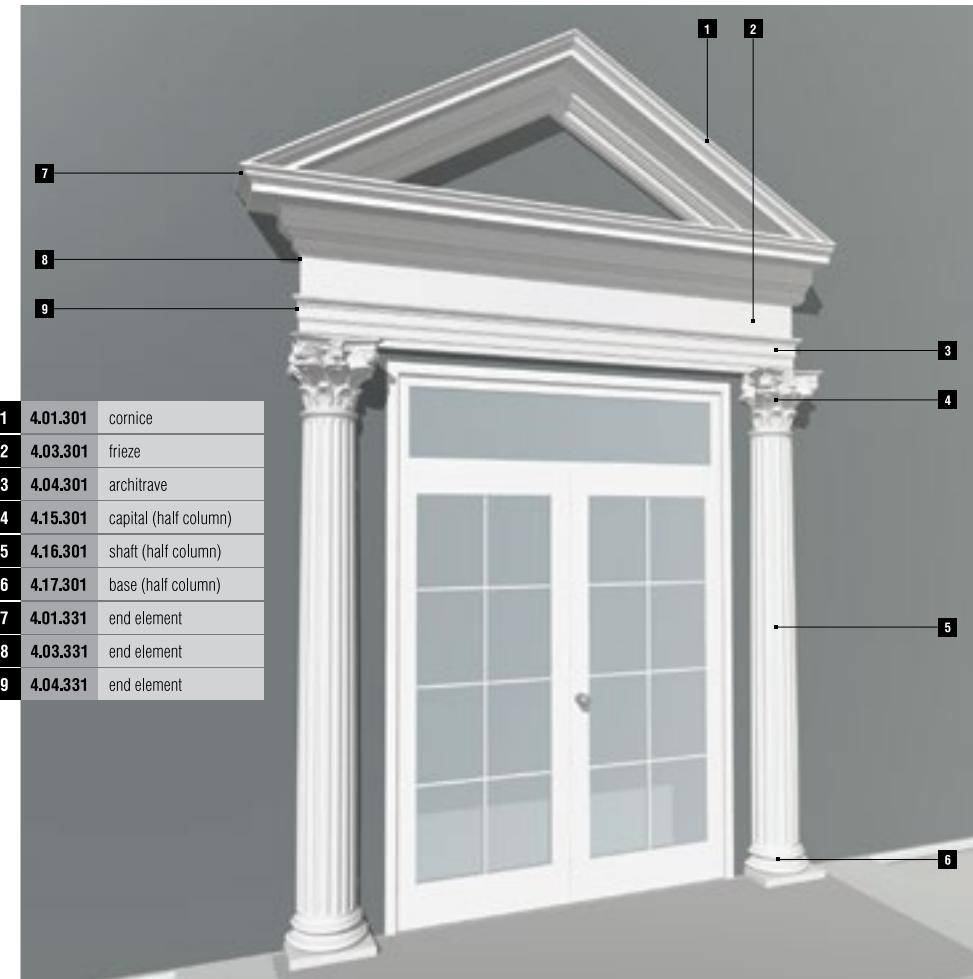


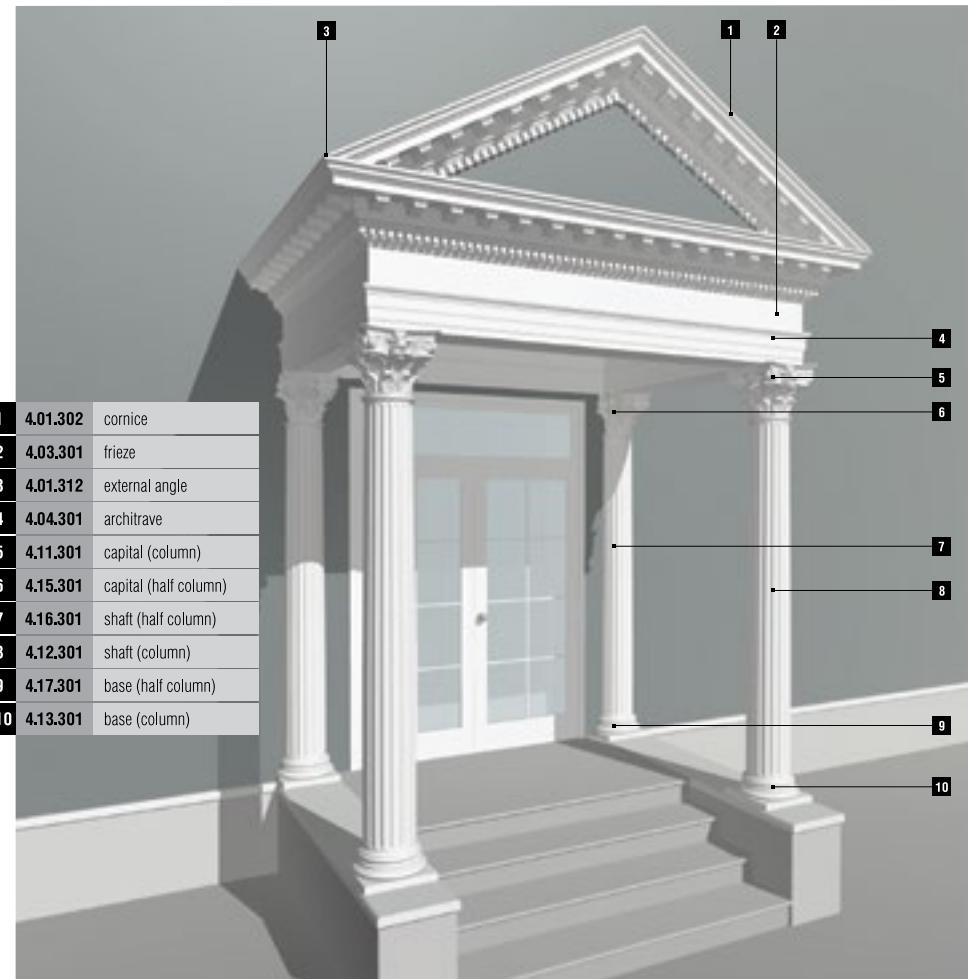
## main entrances



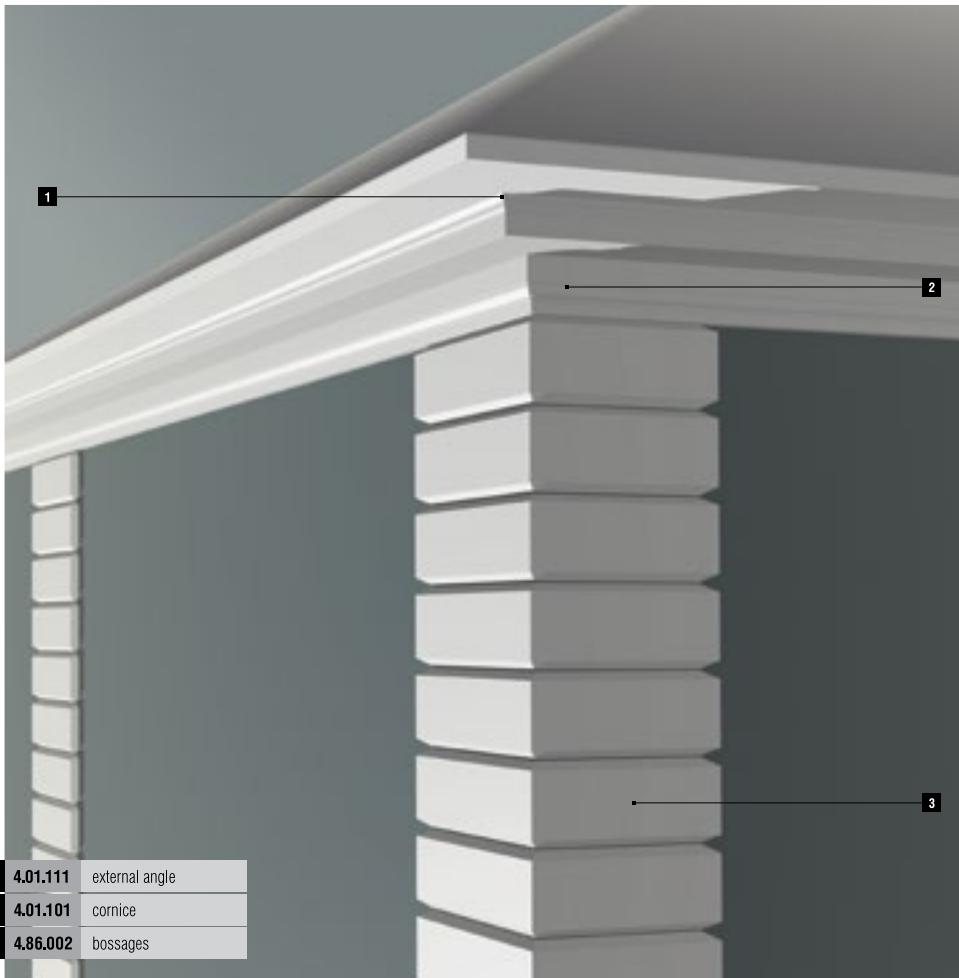


## main entrances





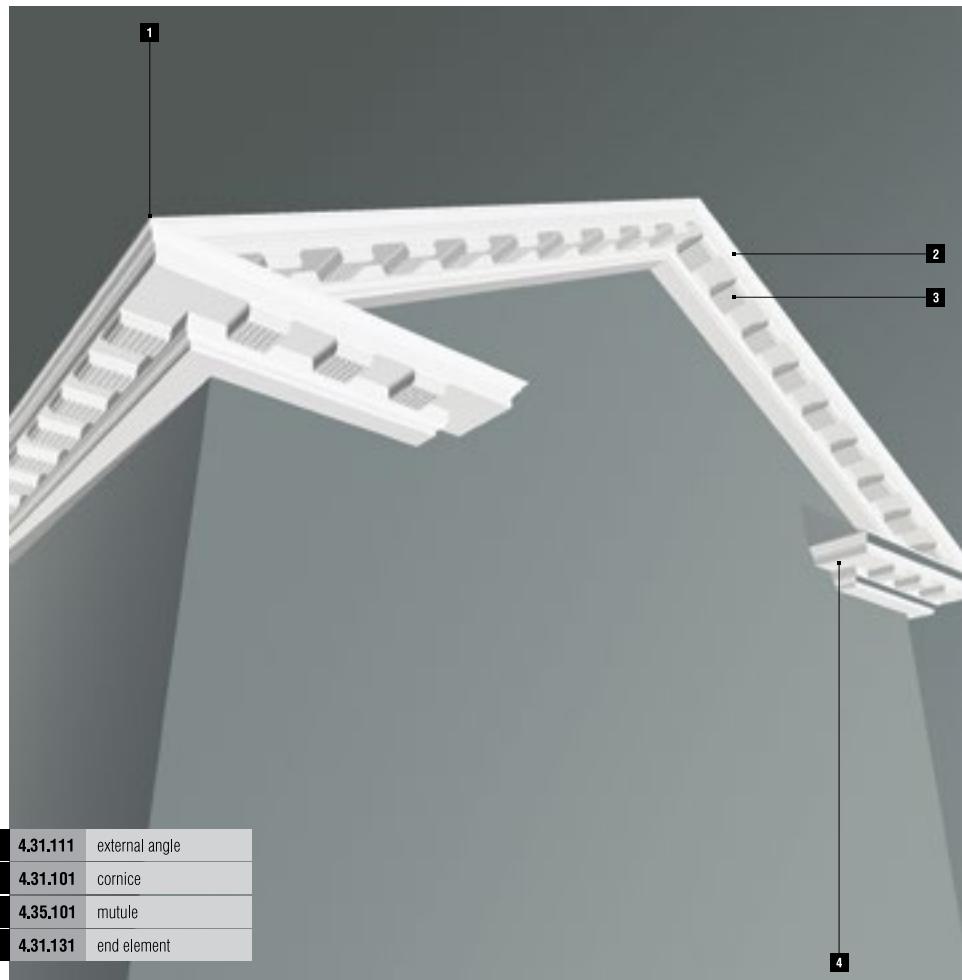
## main cornices



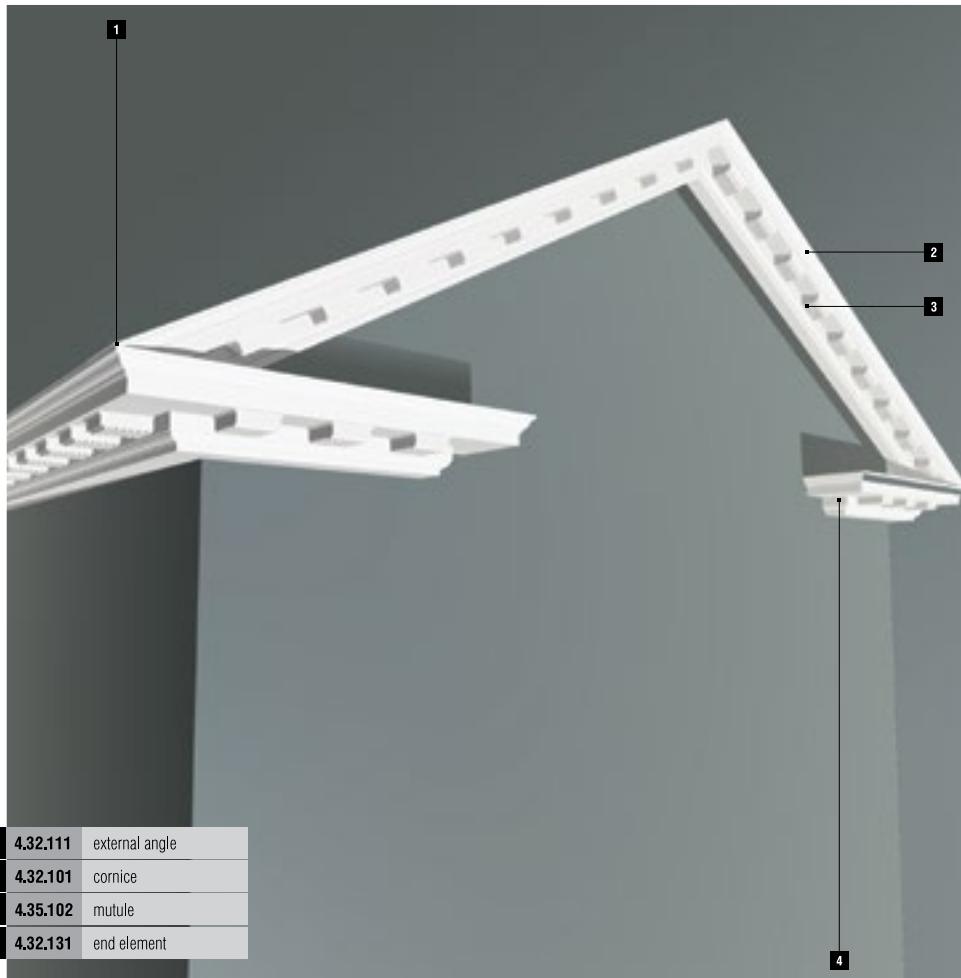
1 4.01.111 external angle

2 4.01.101 cornice

3 4.86.002 bossages



## main cornices

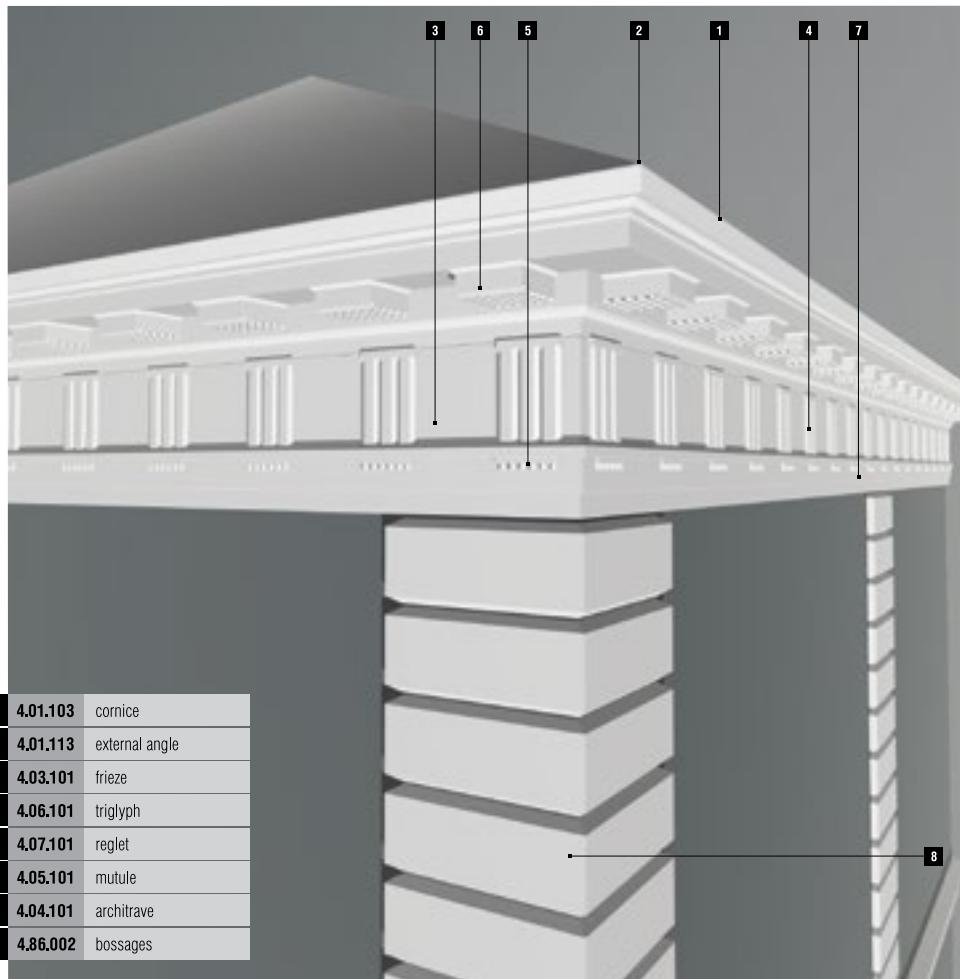


**1** 4.32.111 external angle

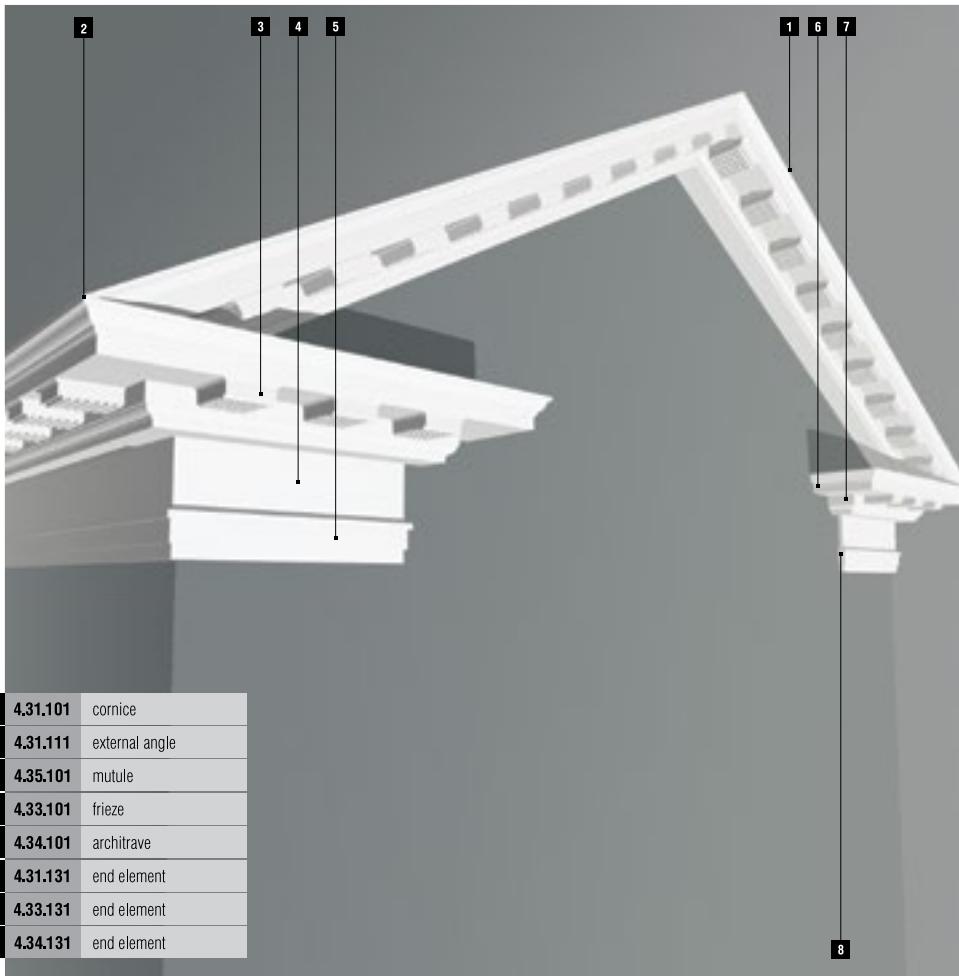
**2** 4.32.101 cornice

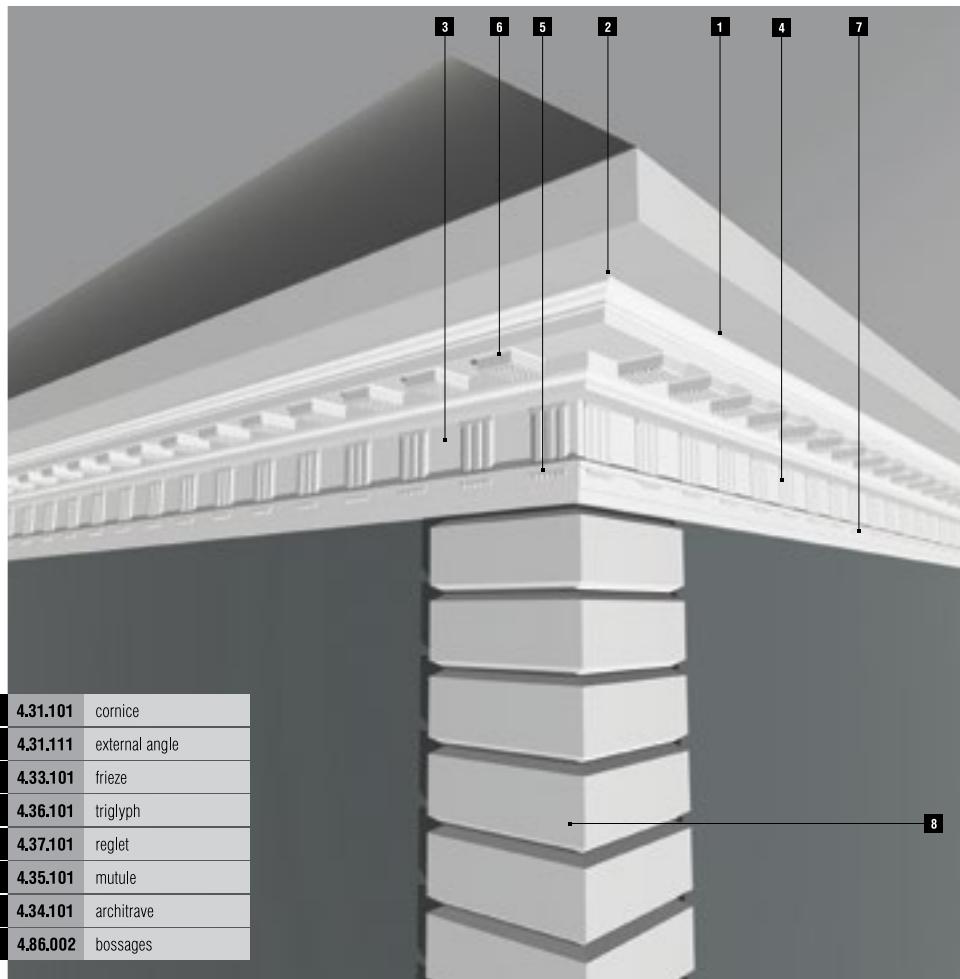
**3** 4.35.102 mutule

**4** 4.32.131 end element

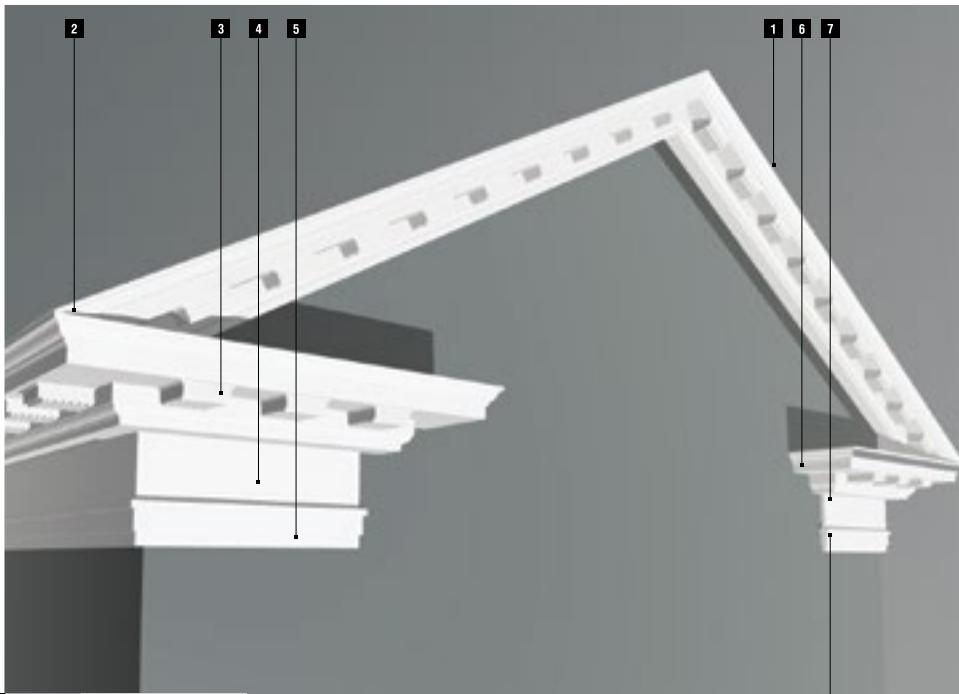


## main cornices

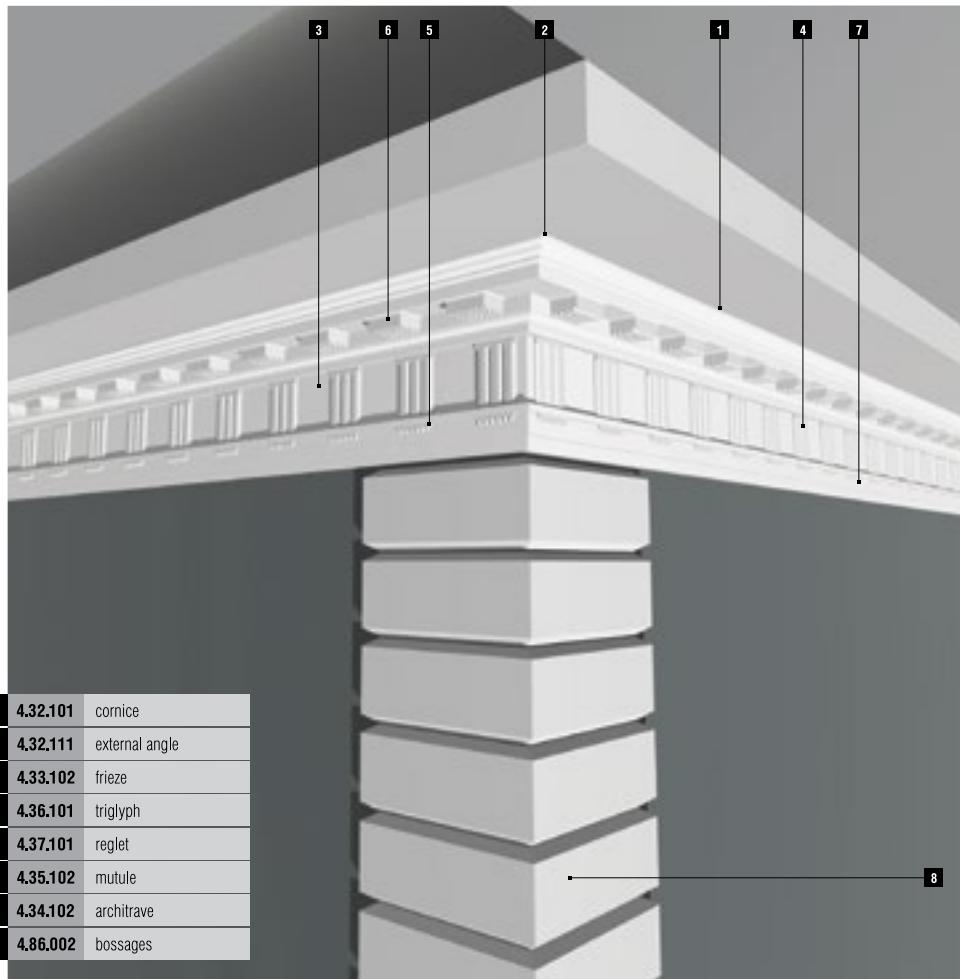




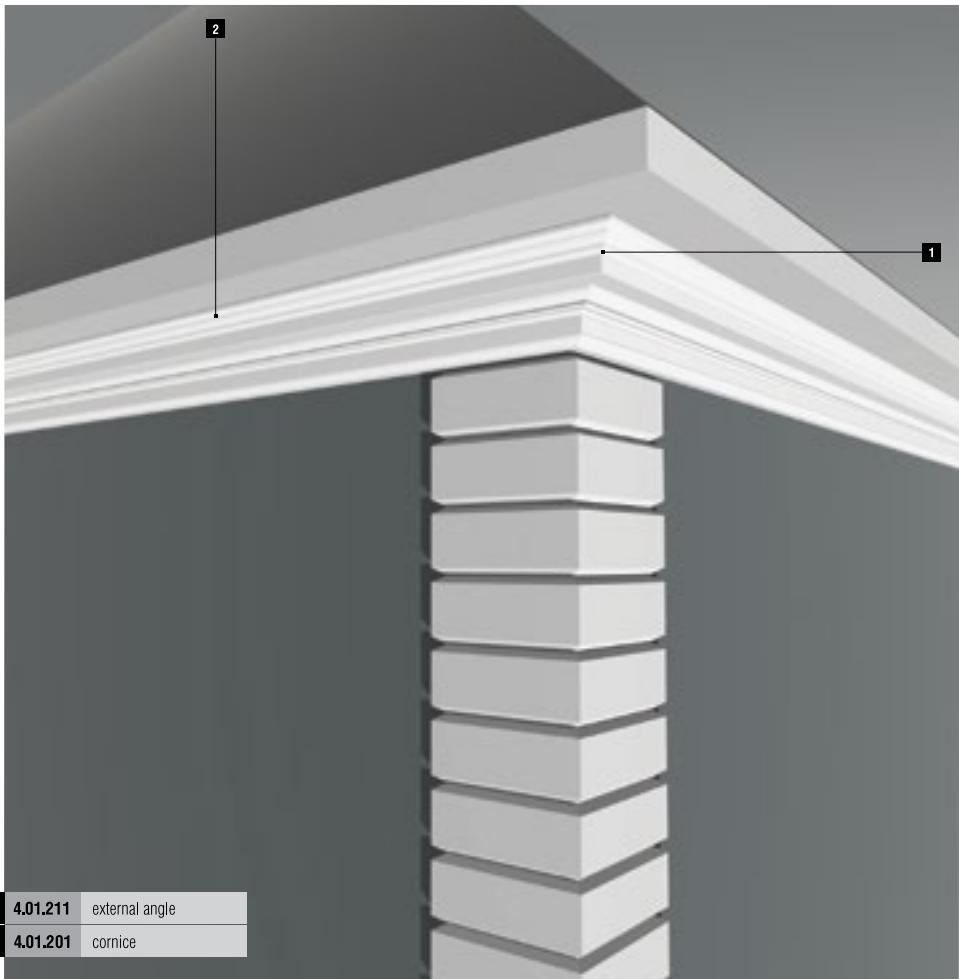
## main cornices

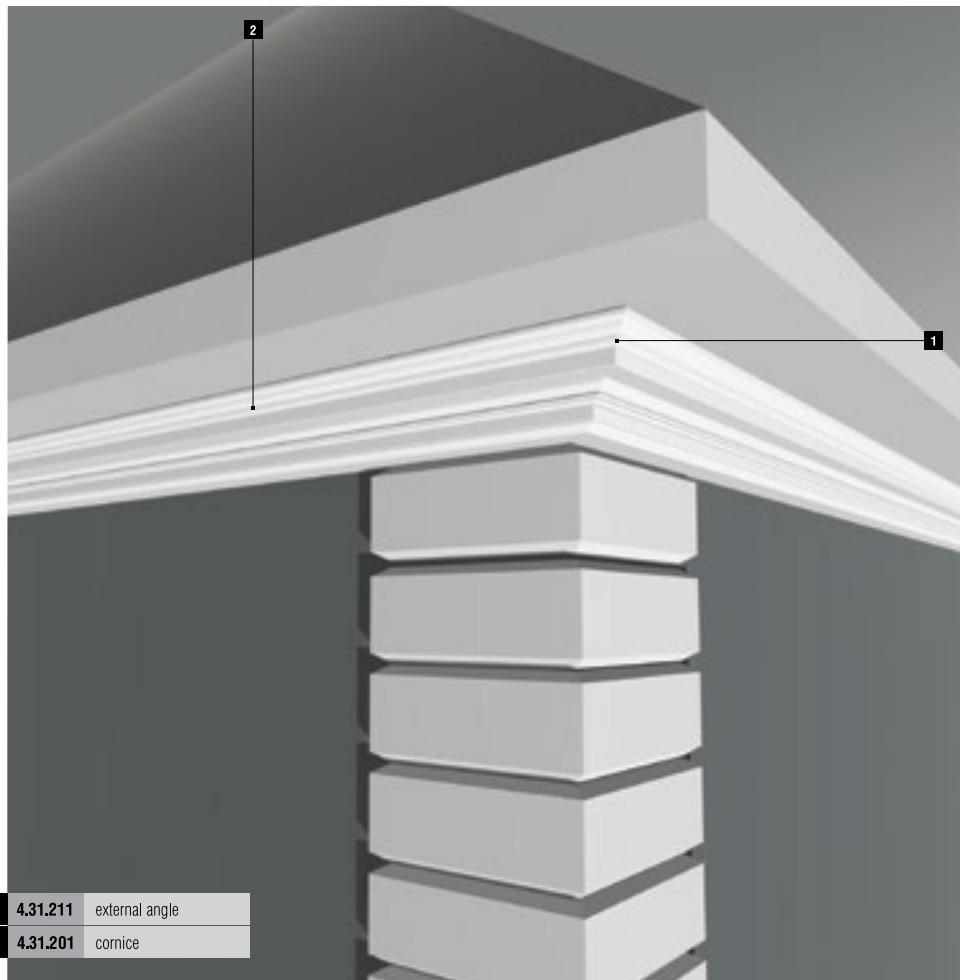


<b>1</b>	<b>4.32.101</b>	cornice
<b>2</b>	<b>4.32.111</b>	external angle
<b>3</b>	<b>4.35.102</b>	mutule
<b>4</b>	<b>4.33.102</b>	frieze
<b>5</b>	<b>4.34.102</b>	architrave
<b>6</b>	<b>4.32.131</b>	end element
<b>7</b>	<b>4.33.132</b>	end element
<b>8</b>	<b>4.34.132</b>	end element

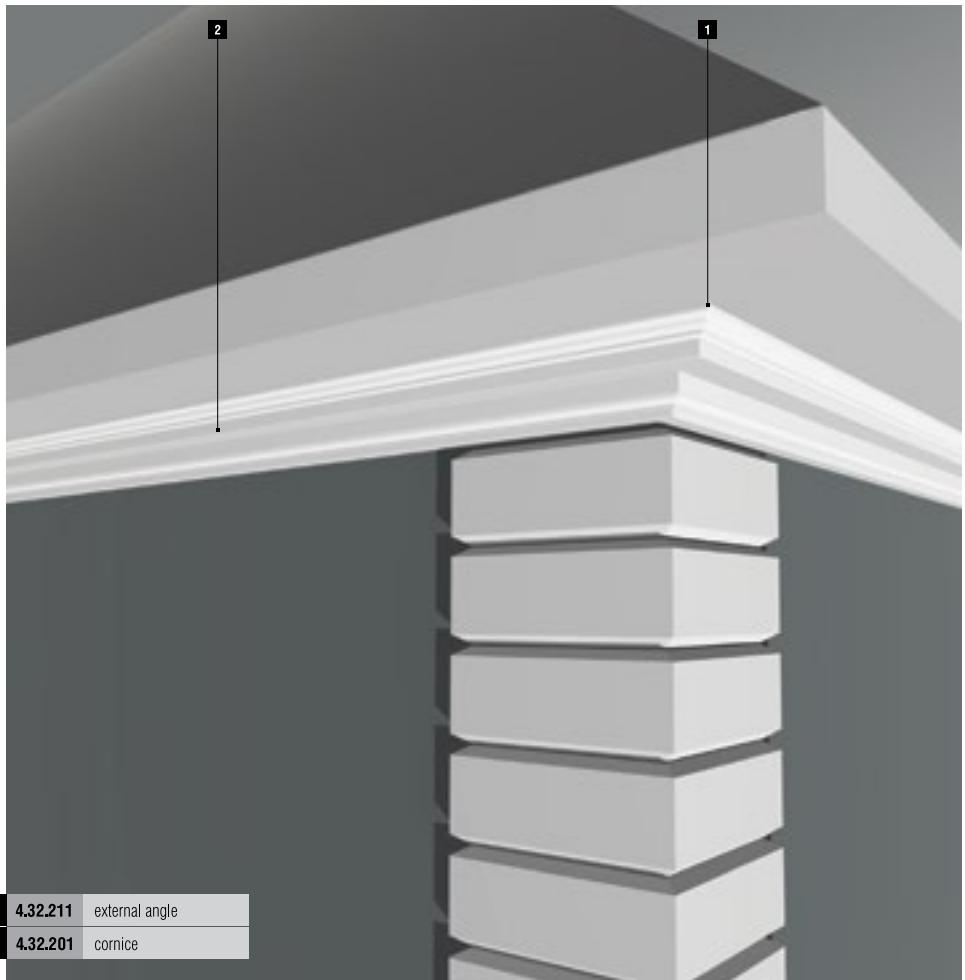


## main cornices



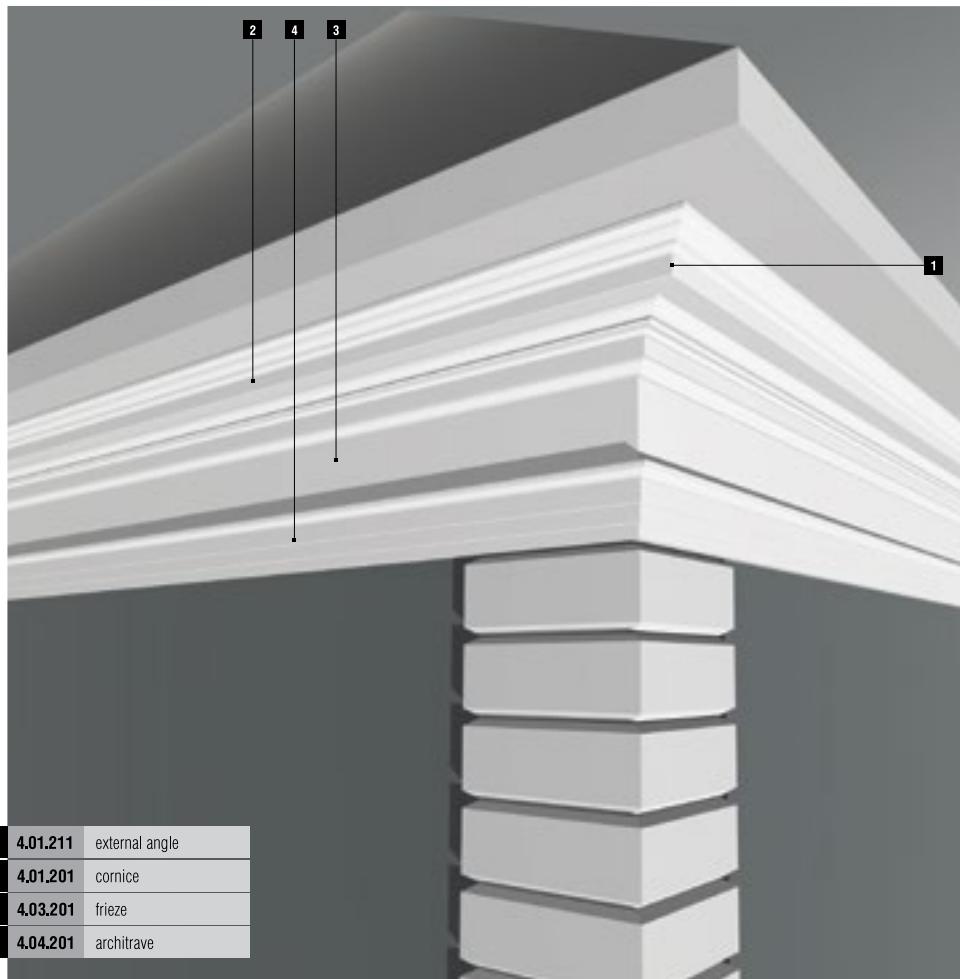


## main cornices

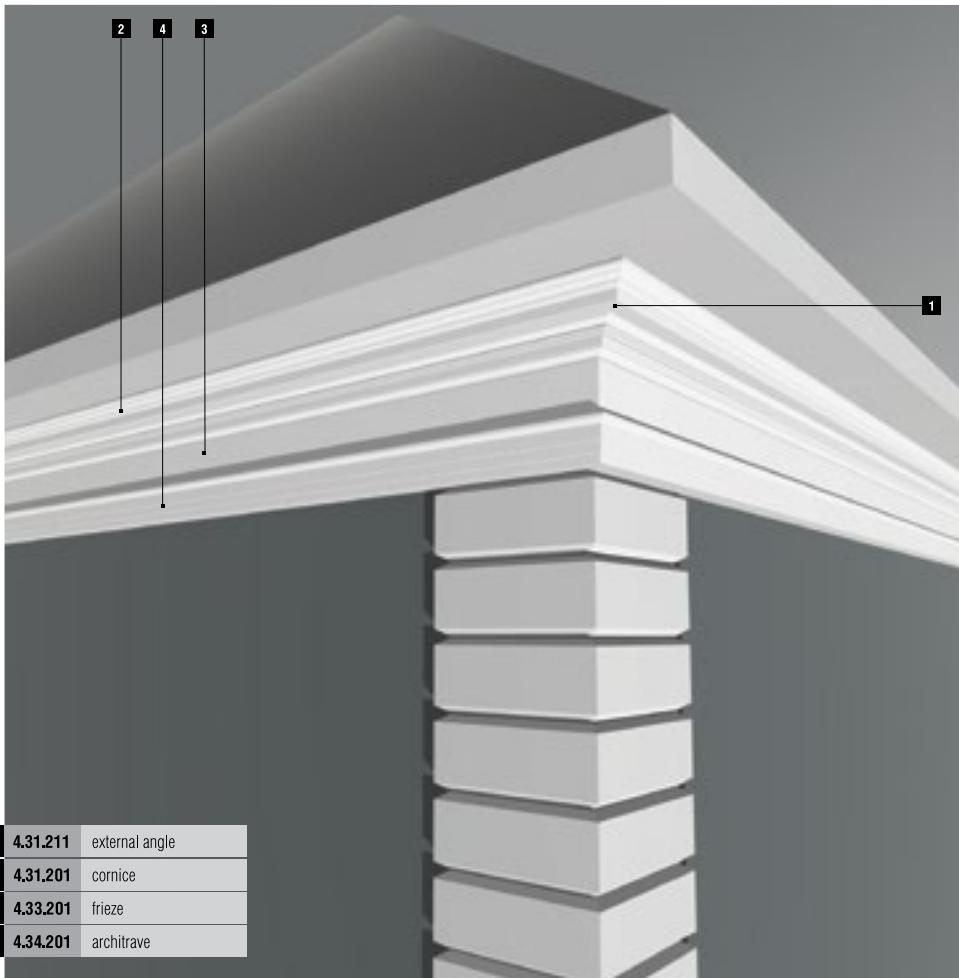


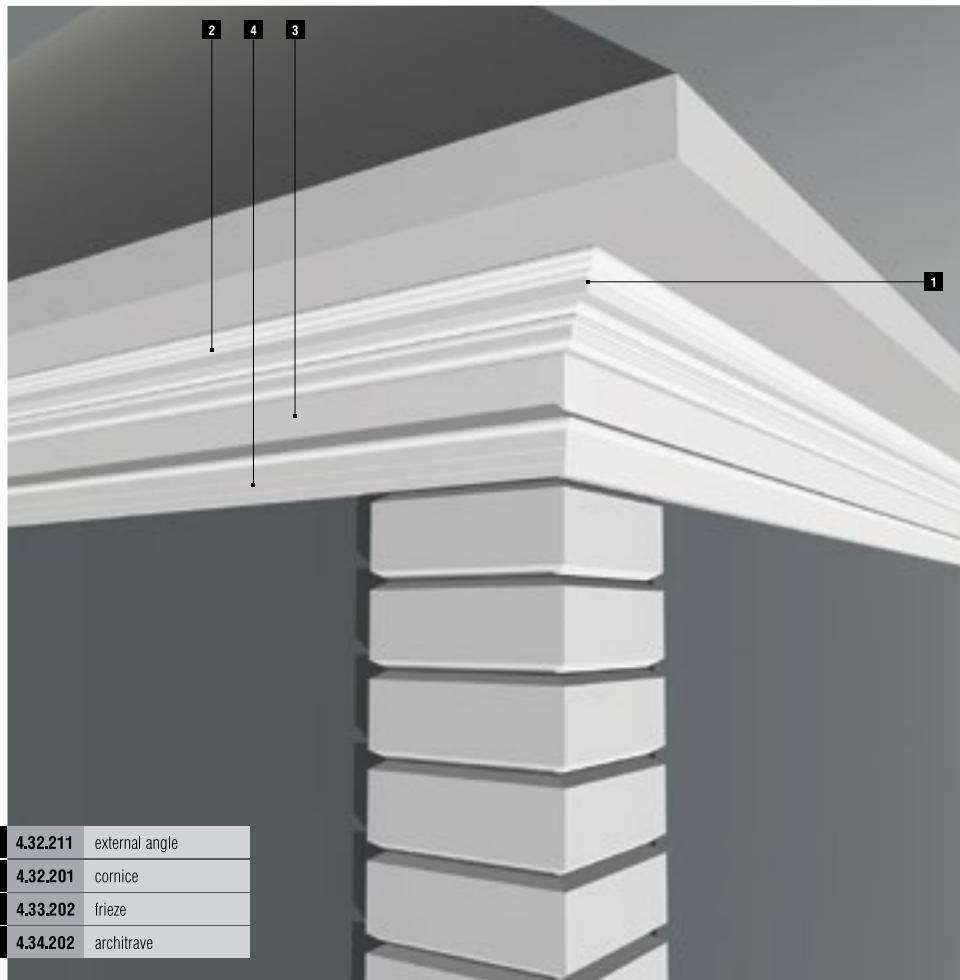
1 4.32.211 external angle

2 4.32.201 cornice

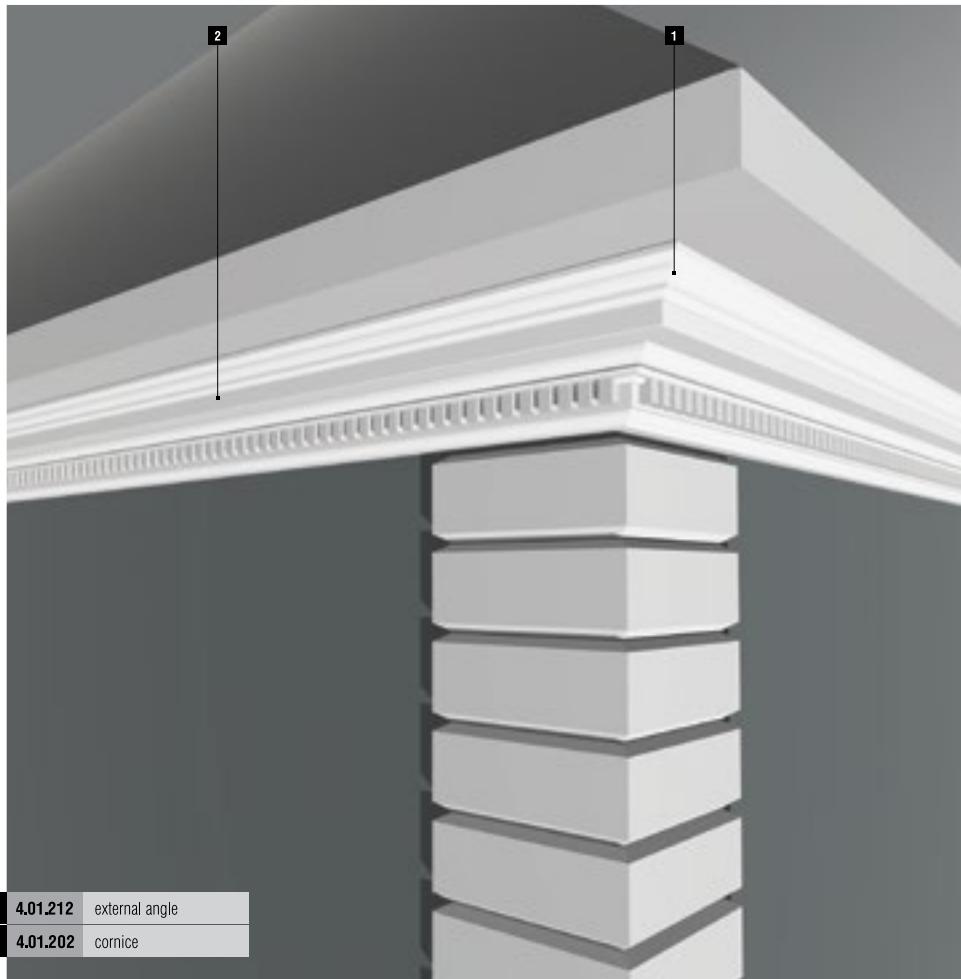


## main cornices



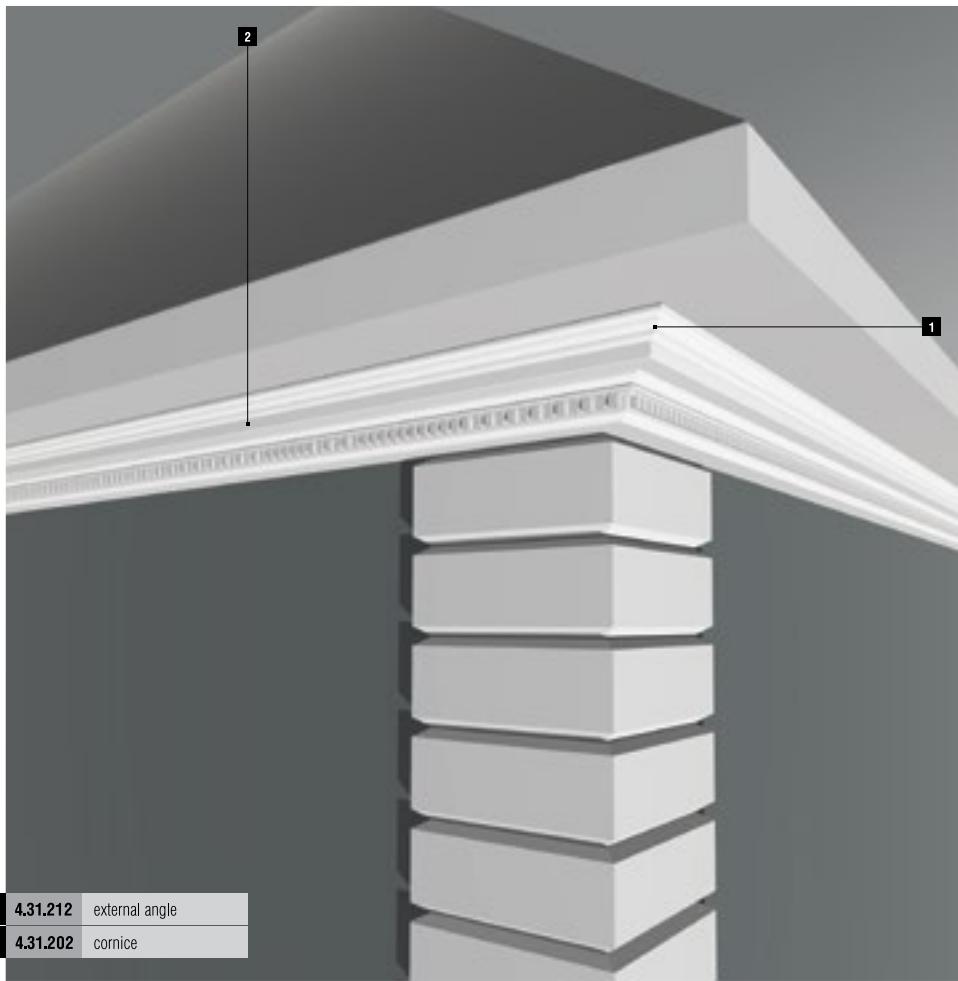


## main cornices

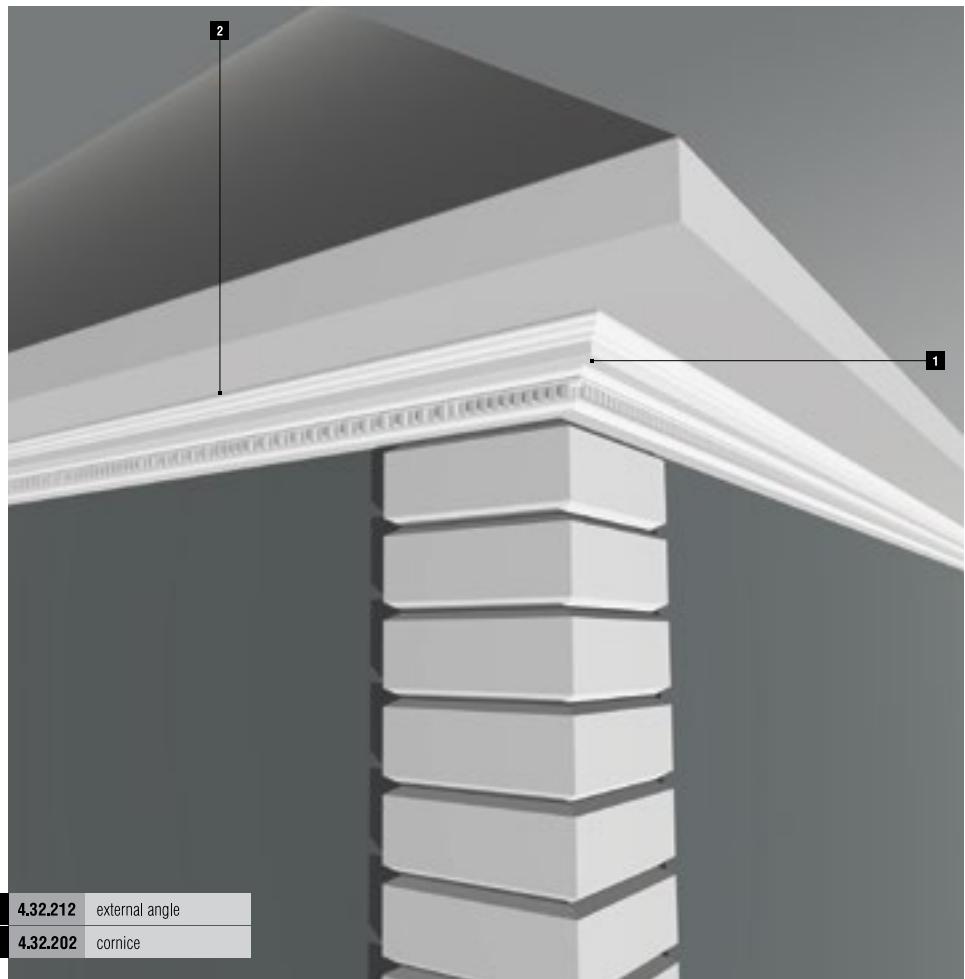


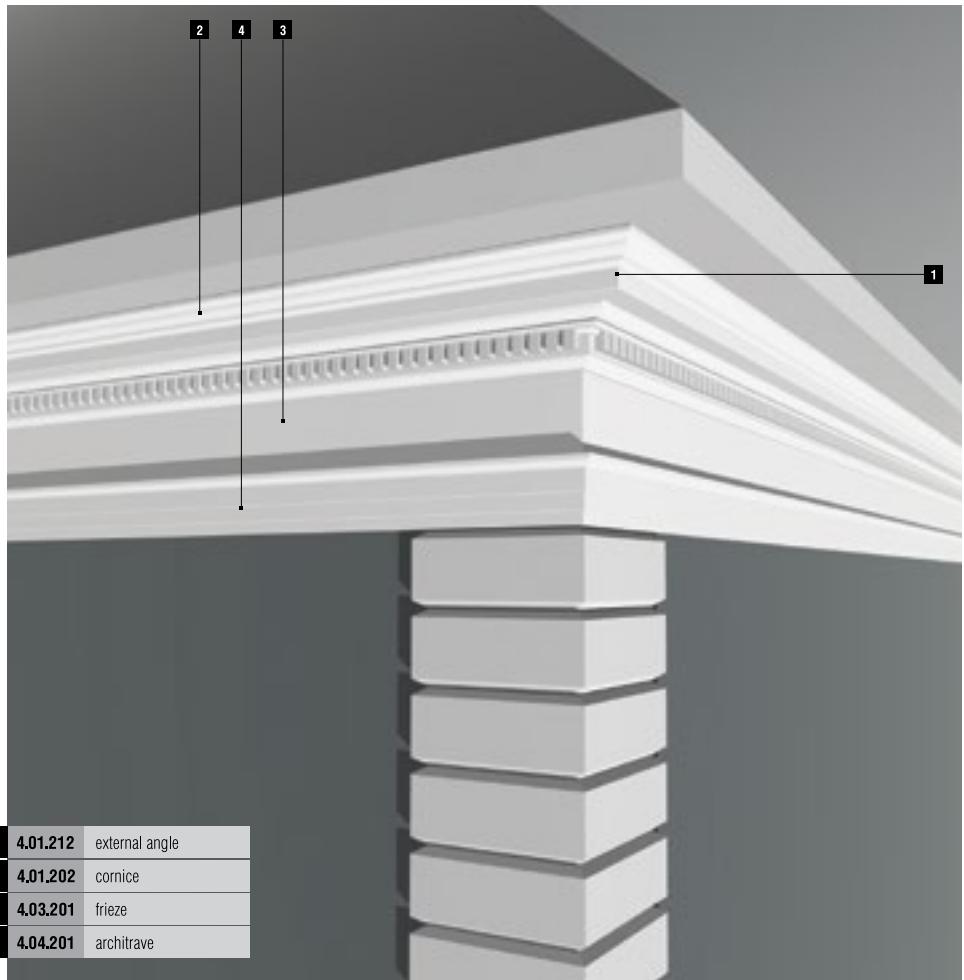
**1** 4.01.212 external angle

**2** 4.01.202 cornice

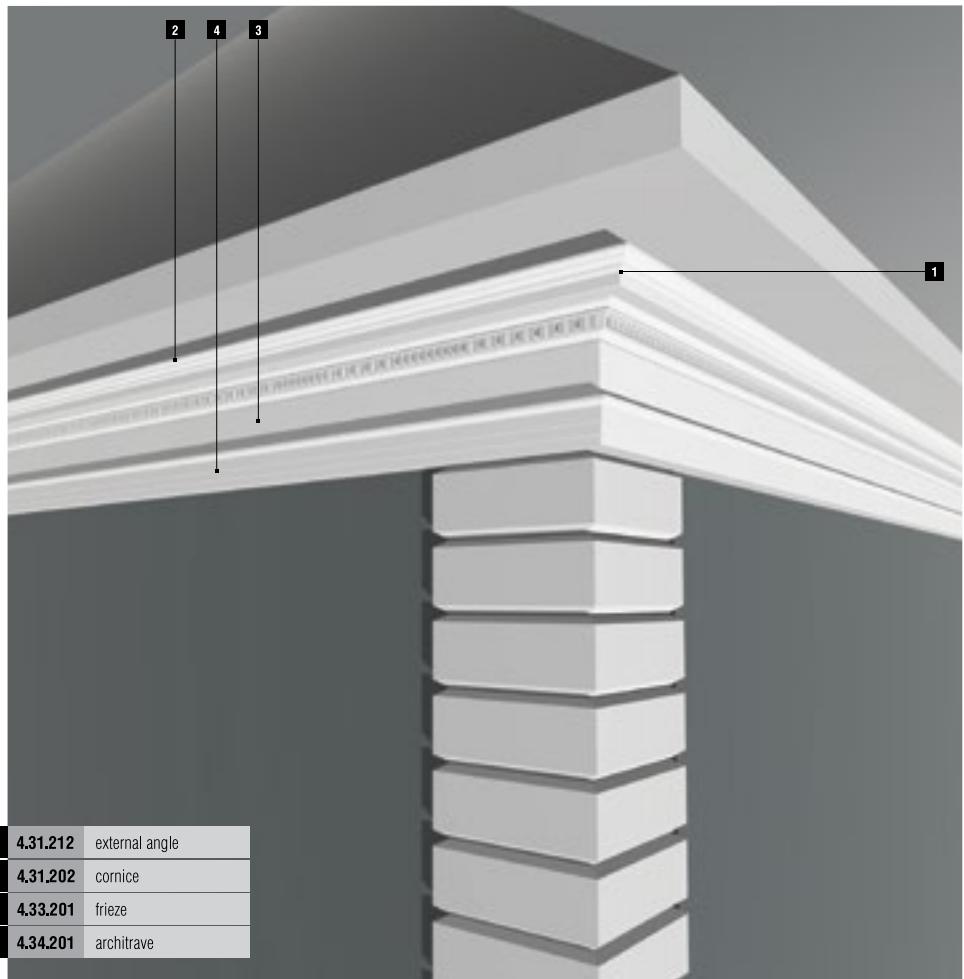


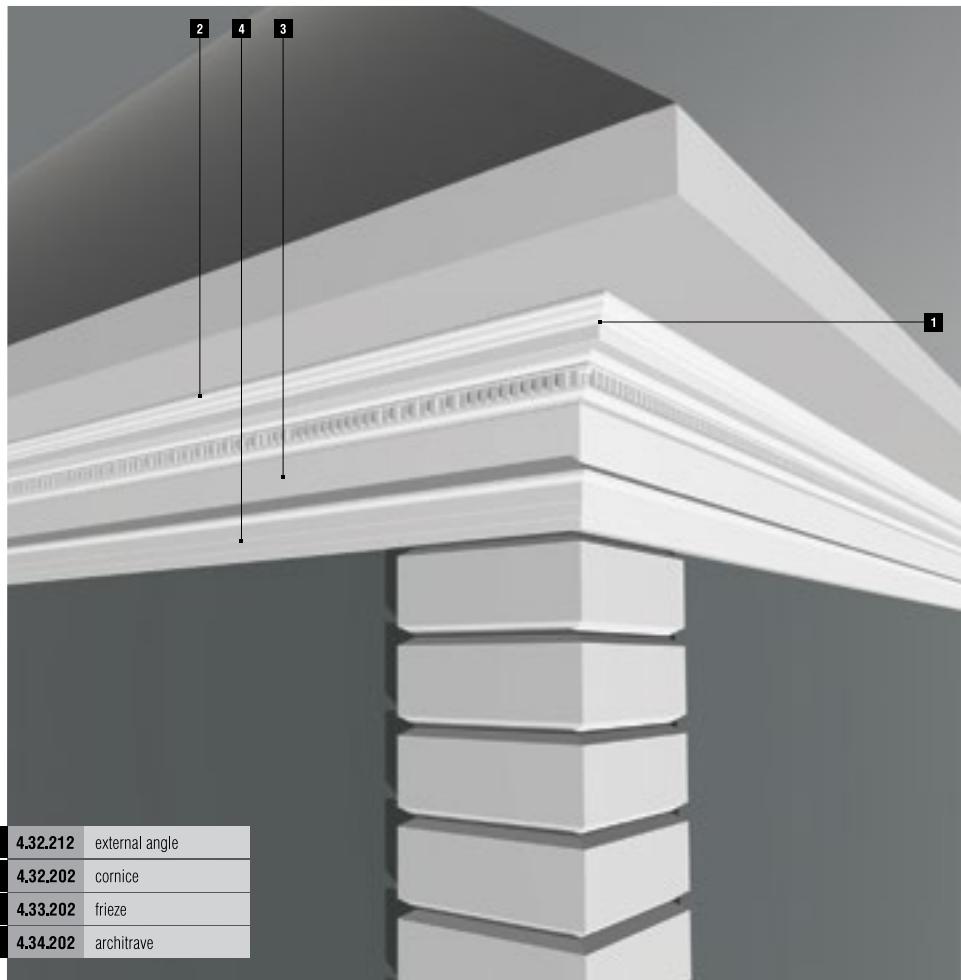
## main cornices



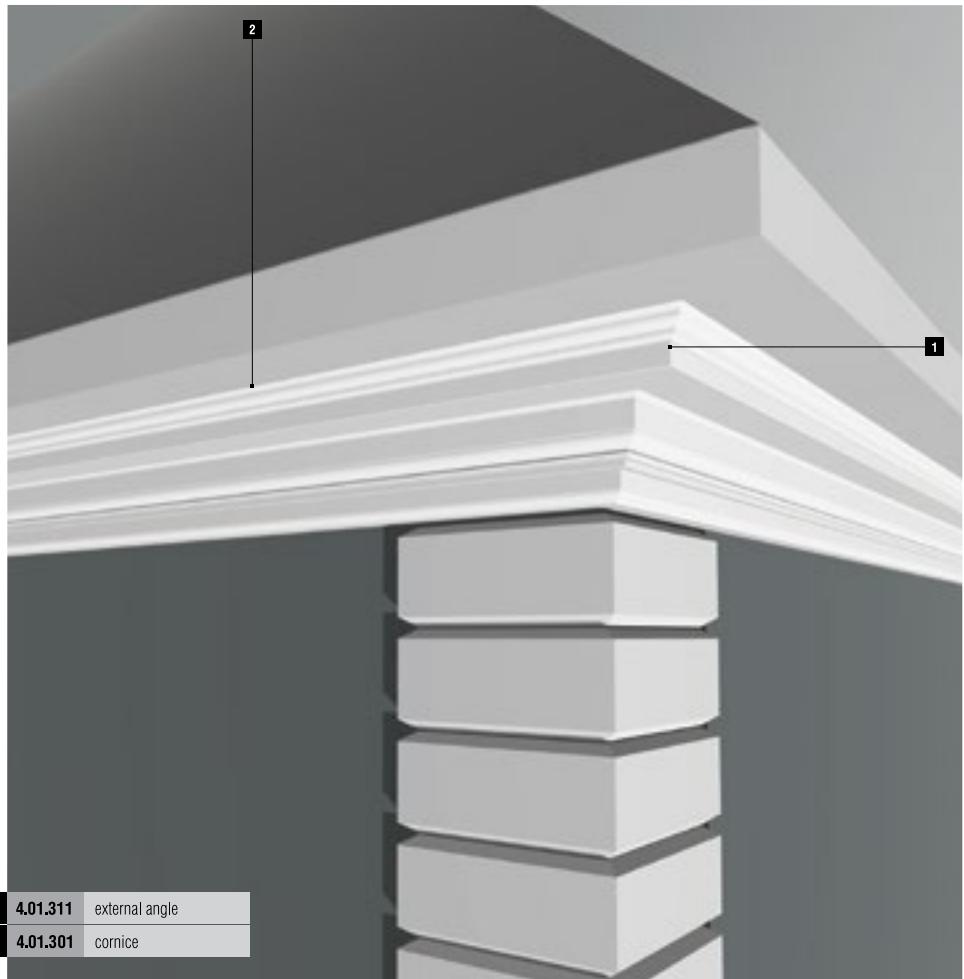


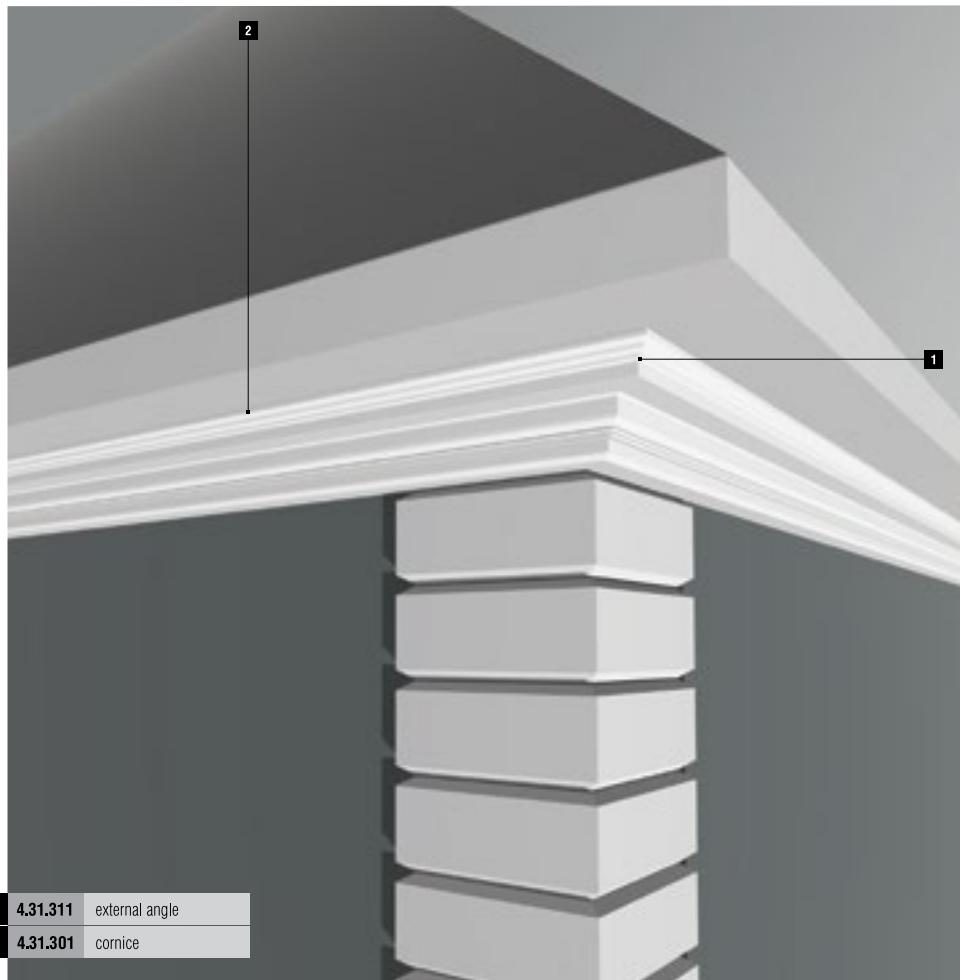
## main cornices



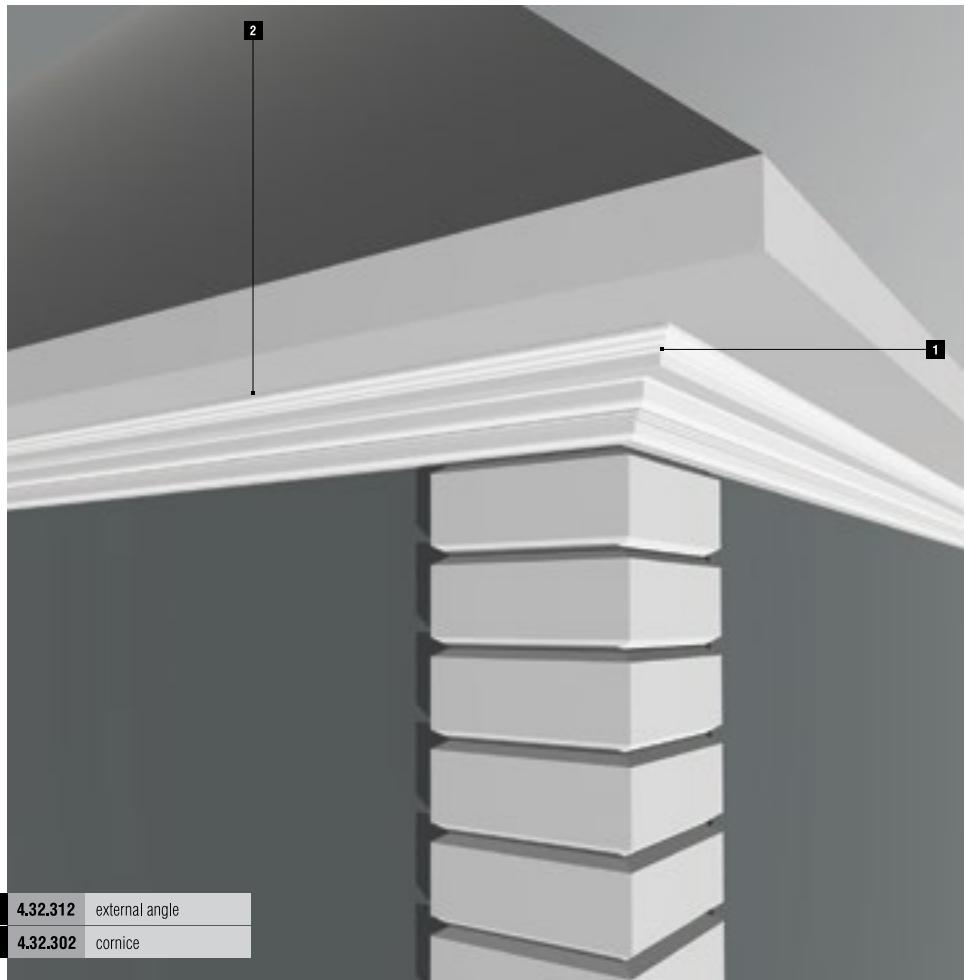


## main cornices

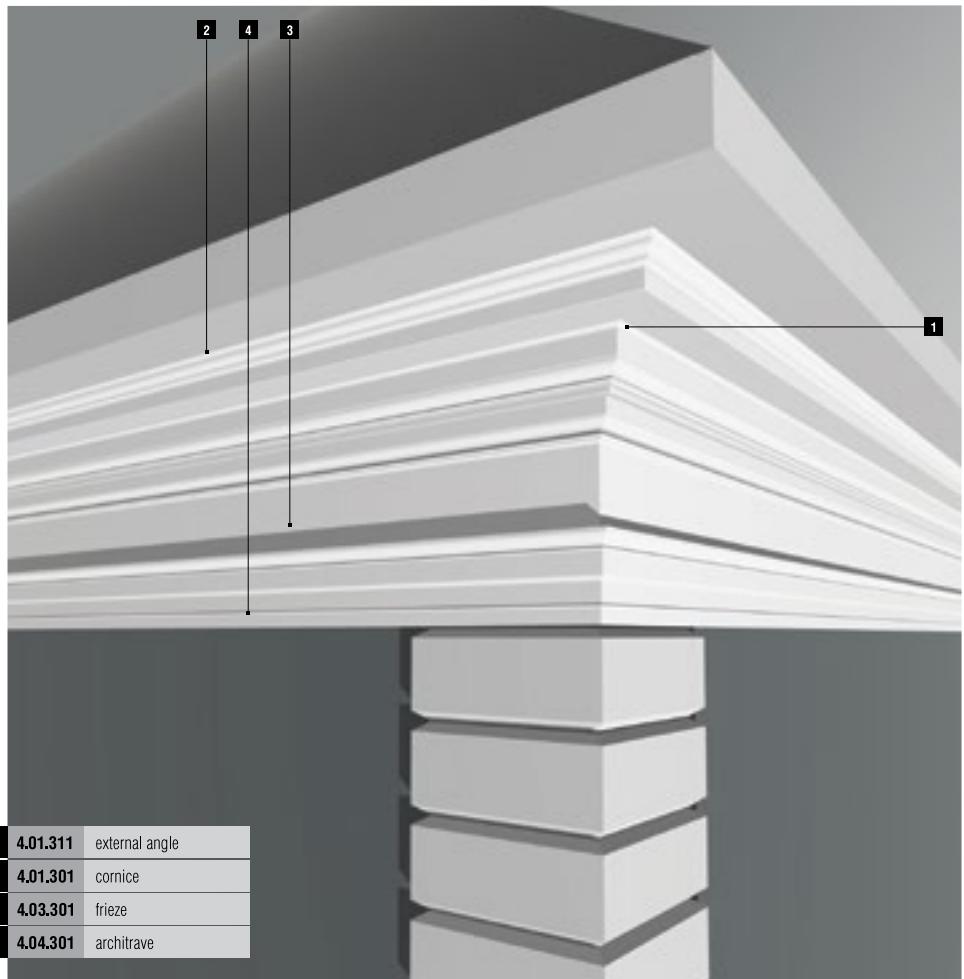




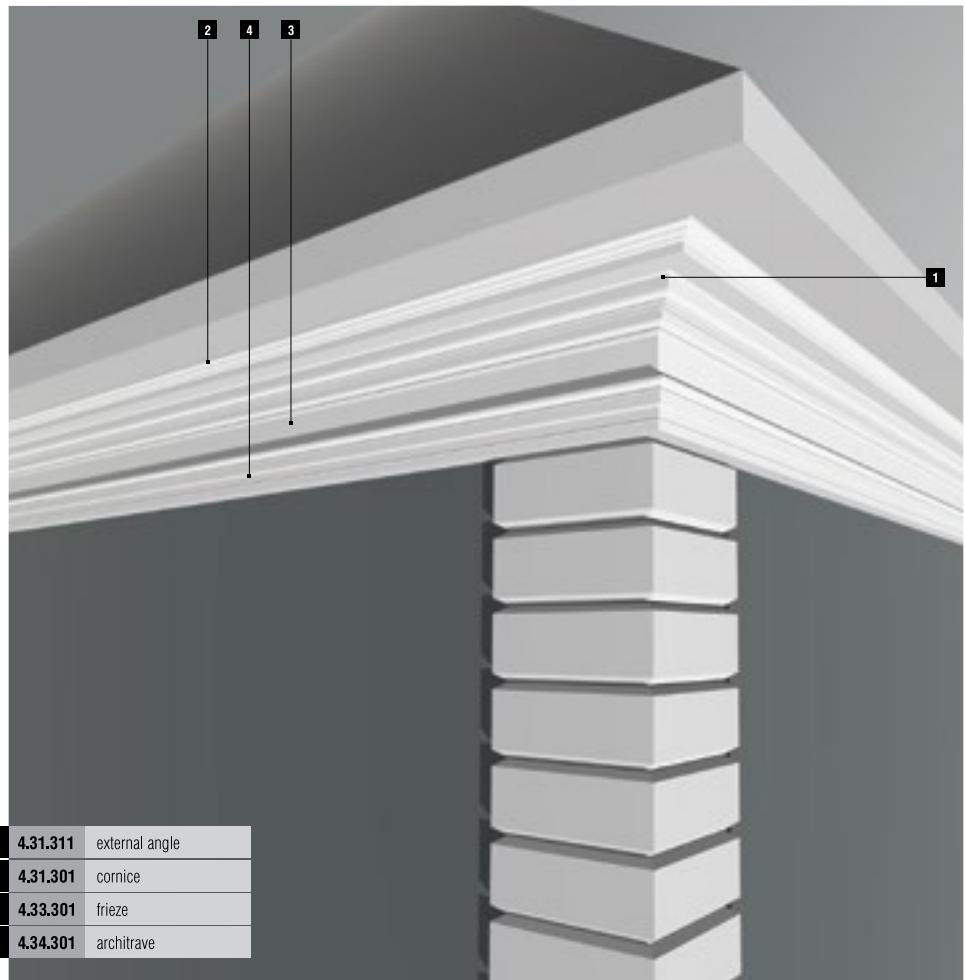
## main cornices

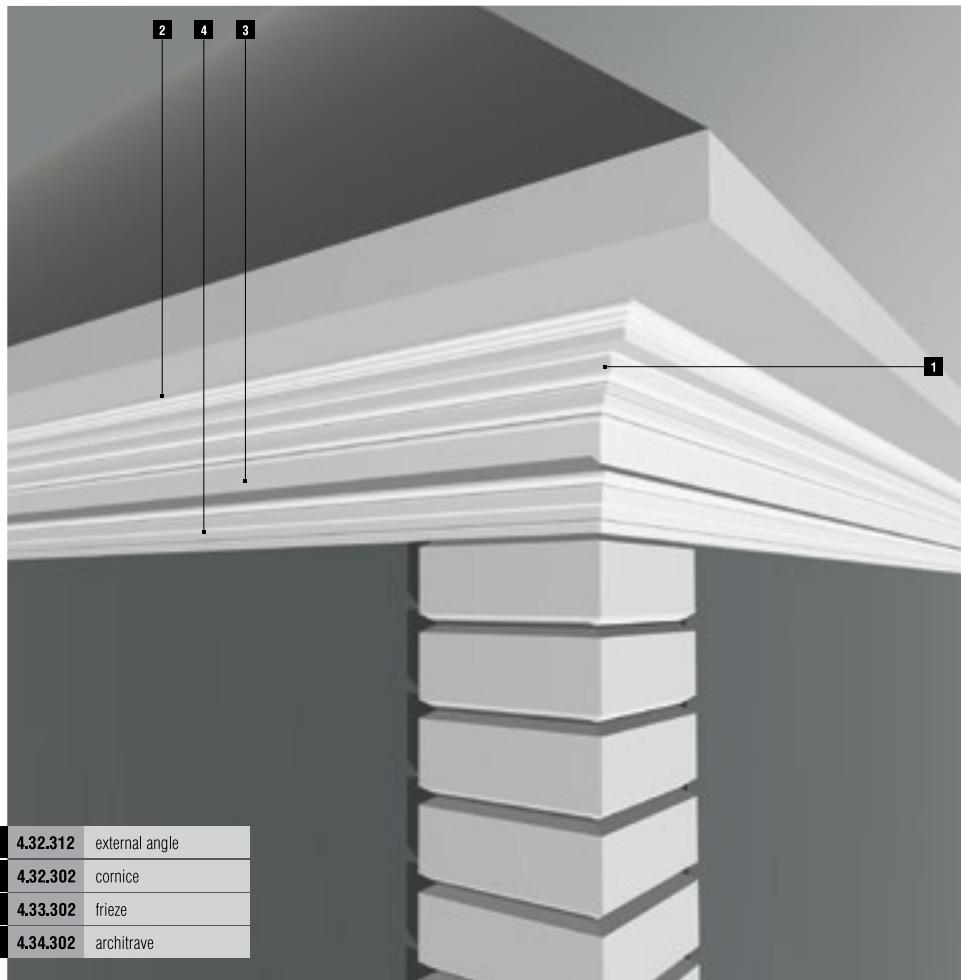


1	4.32.312	external angle
2	4.32.302	cornice

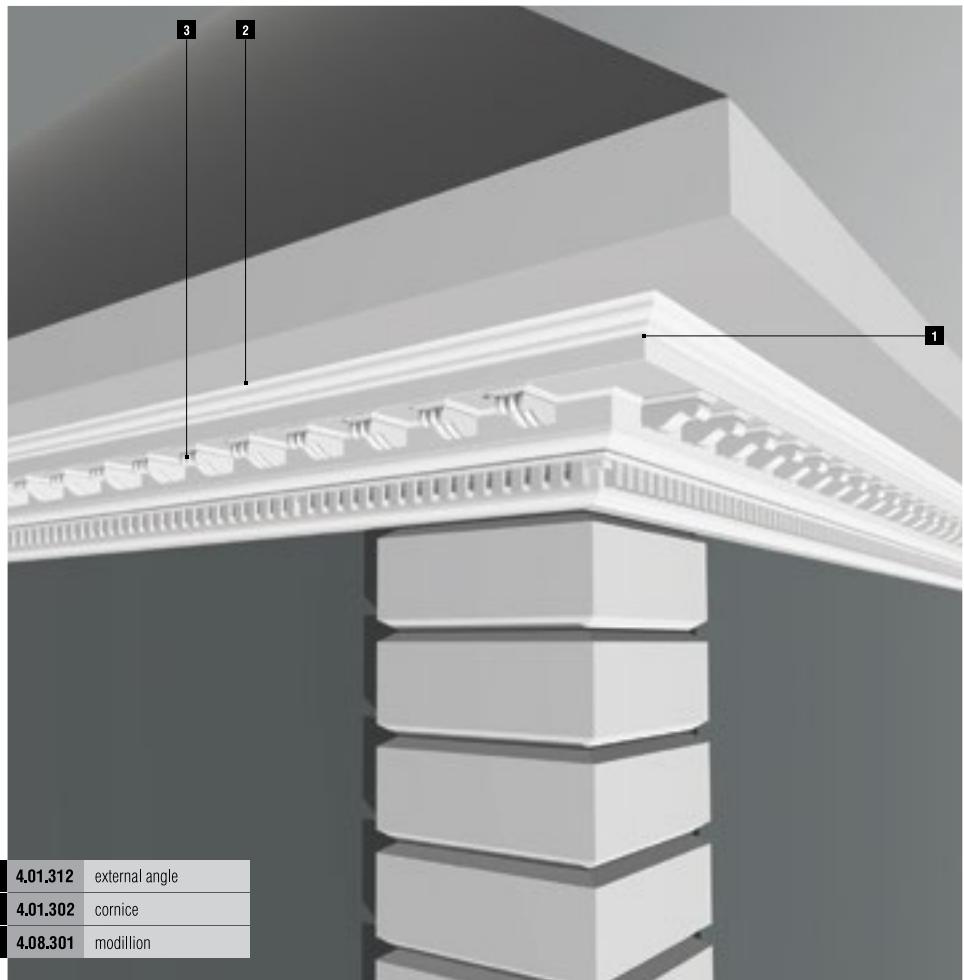


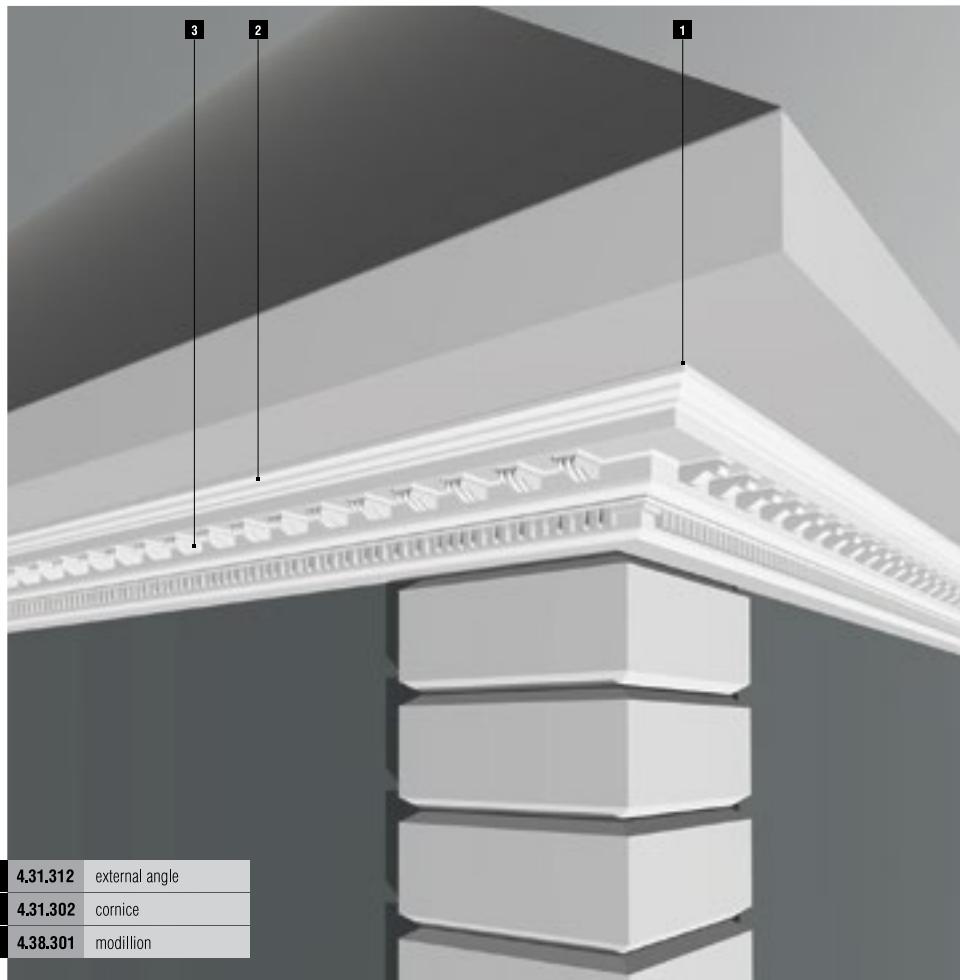
## main cornices



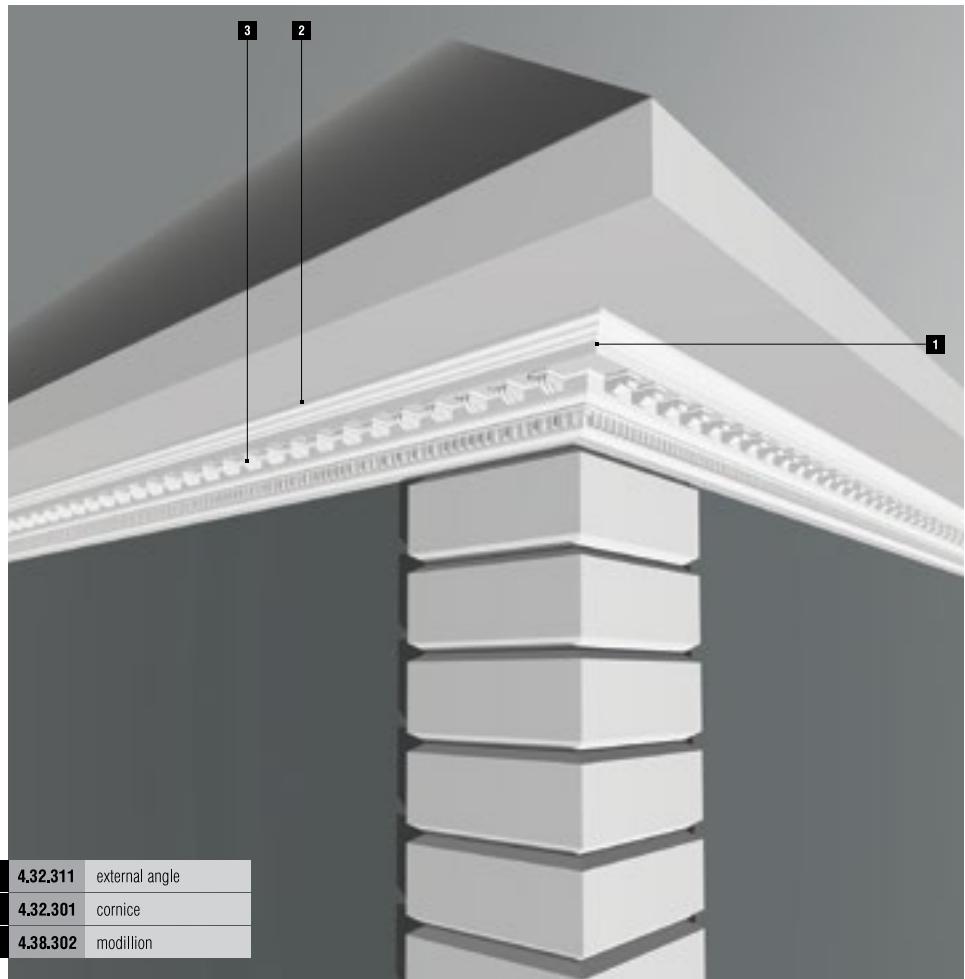


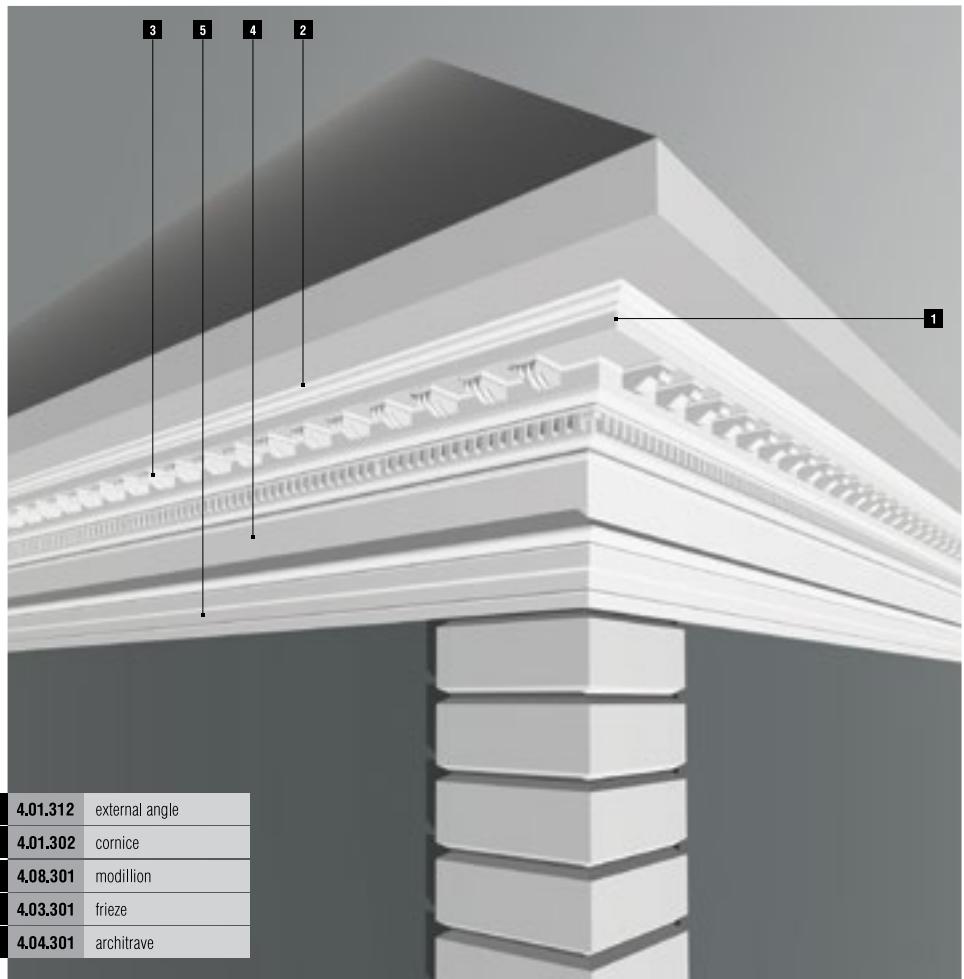
## main cornices



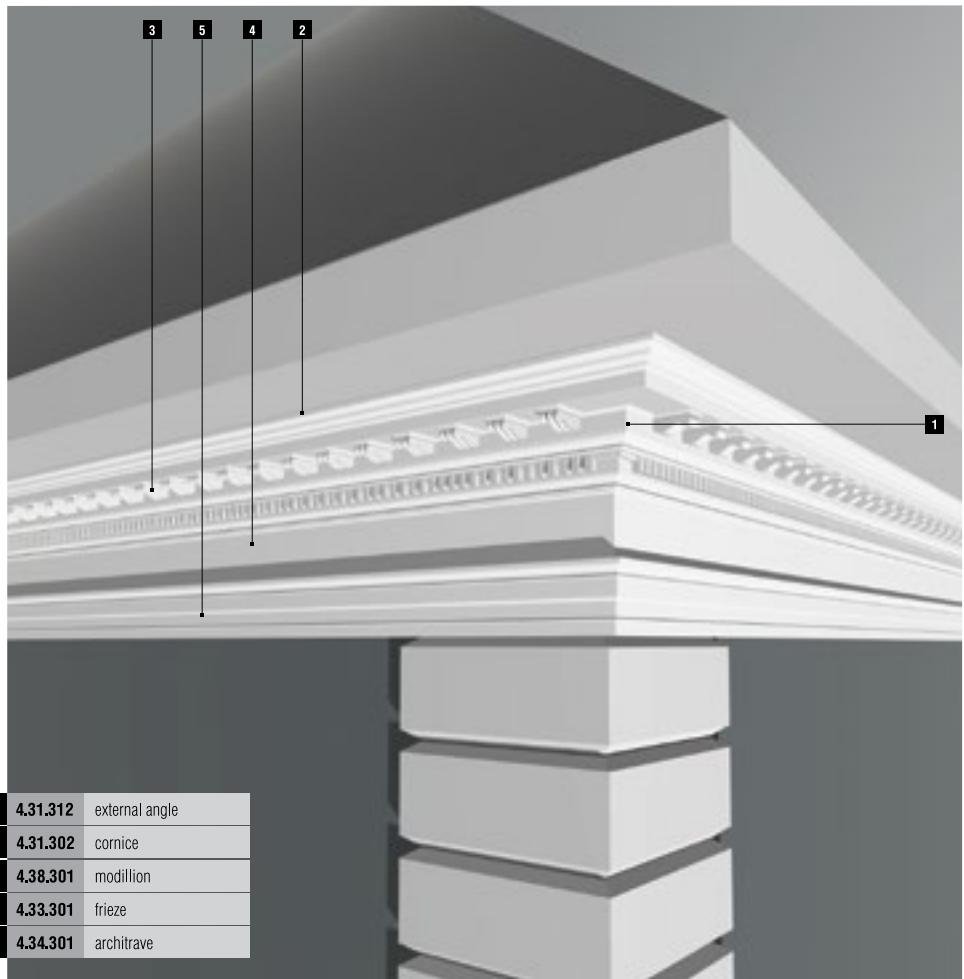


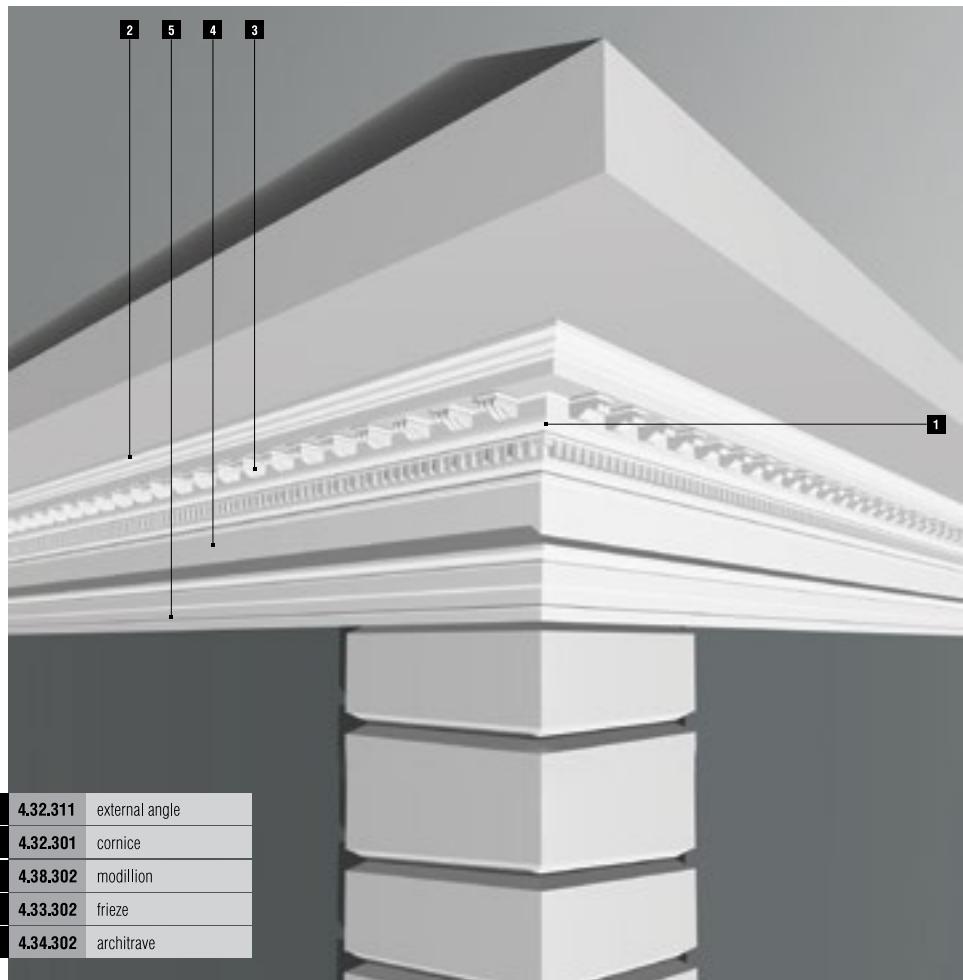
## main cornices



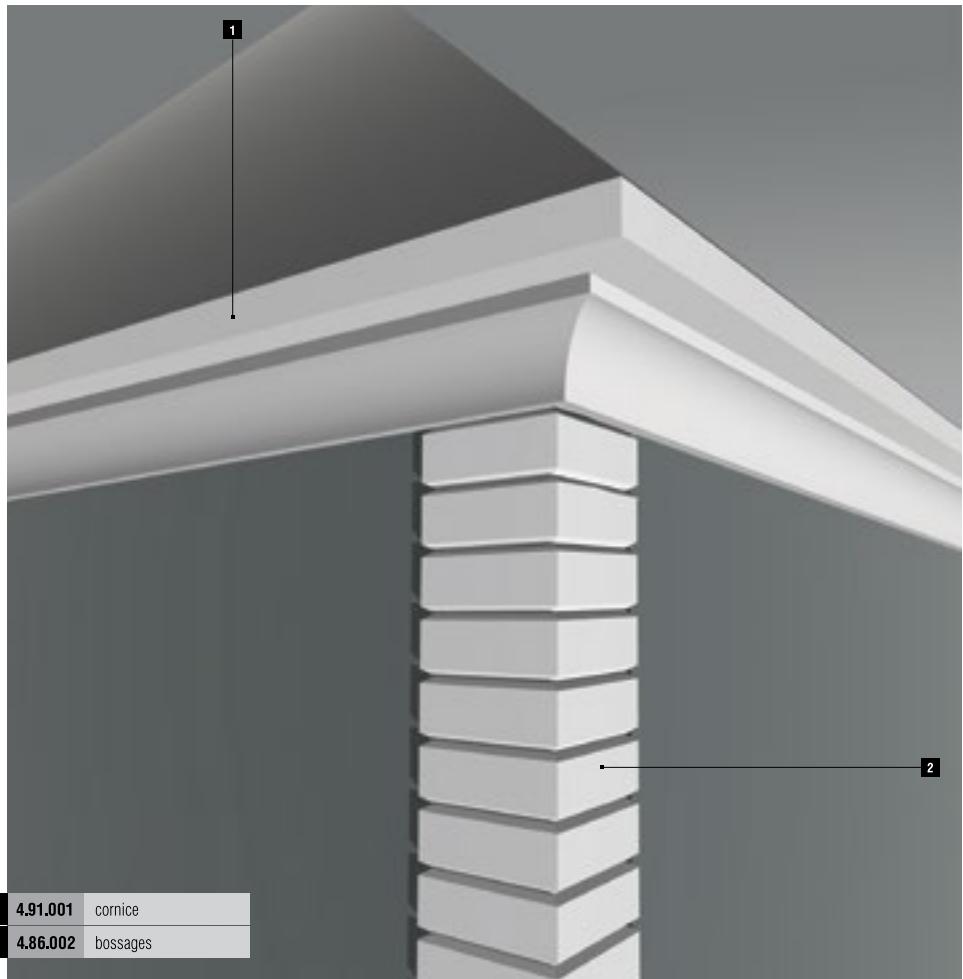


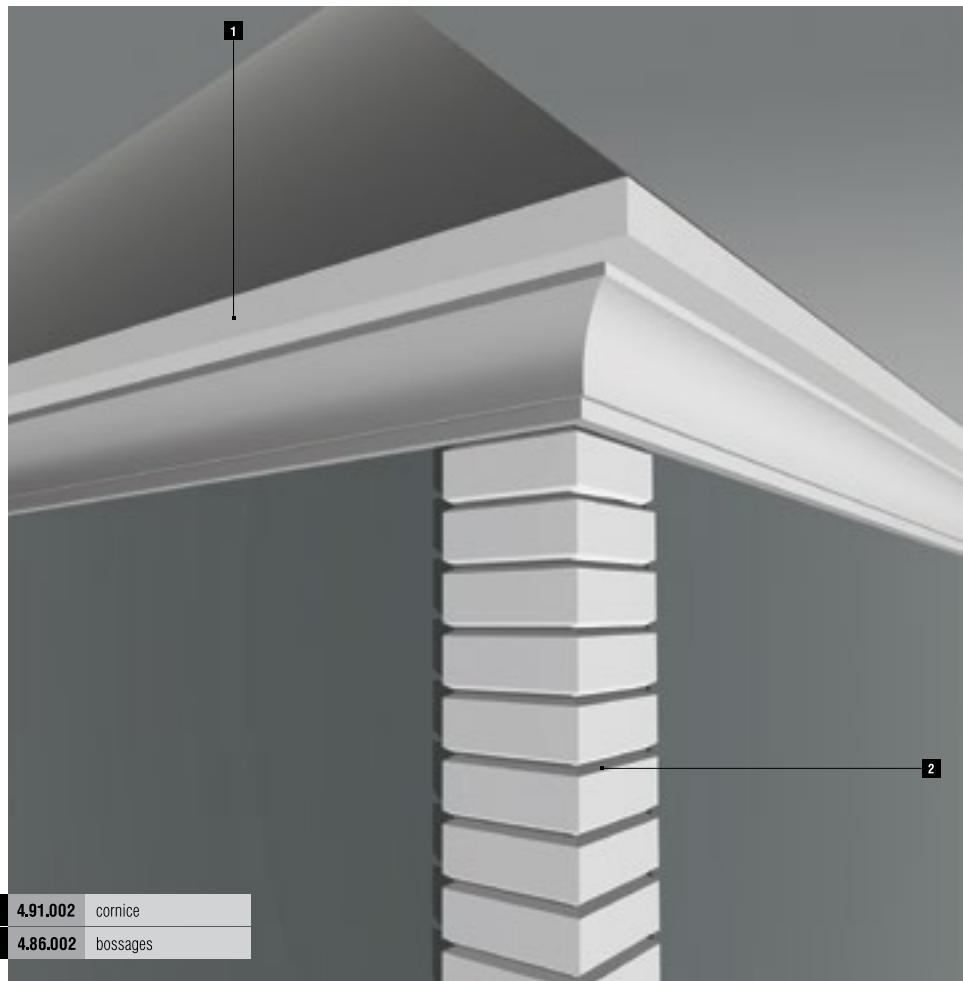
## main cornices



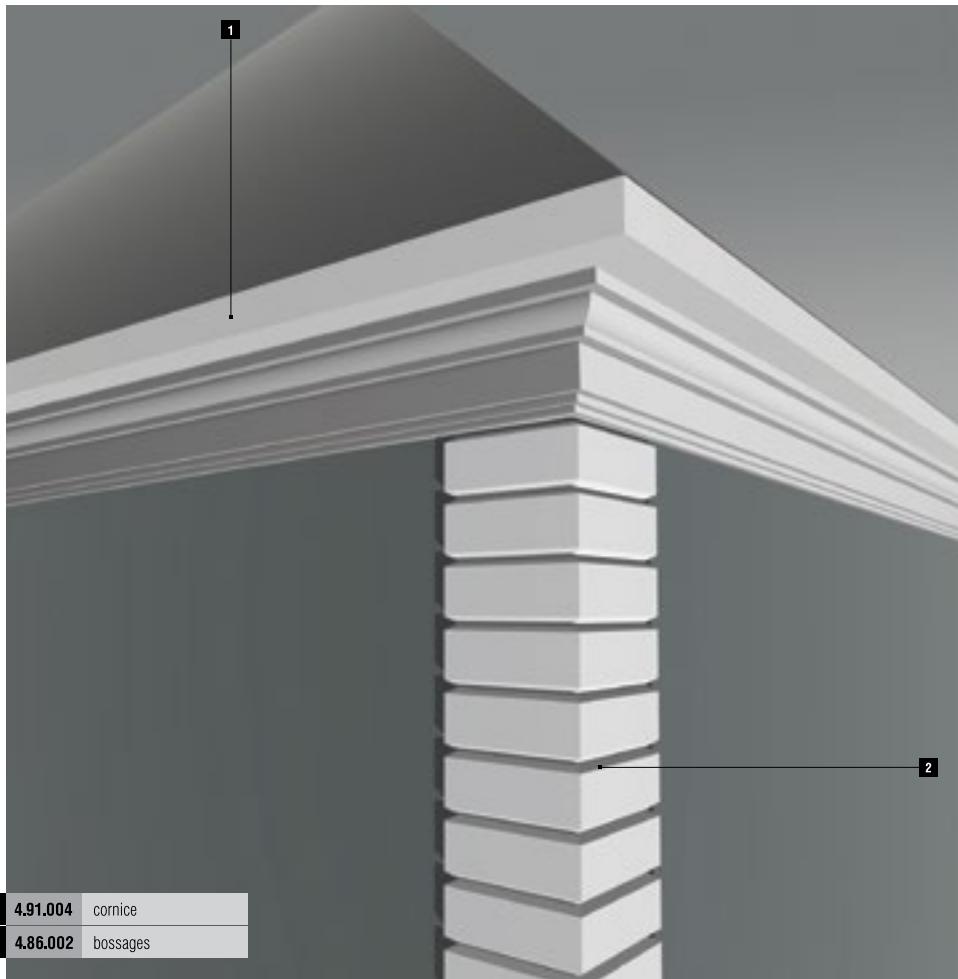


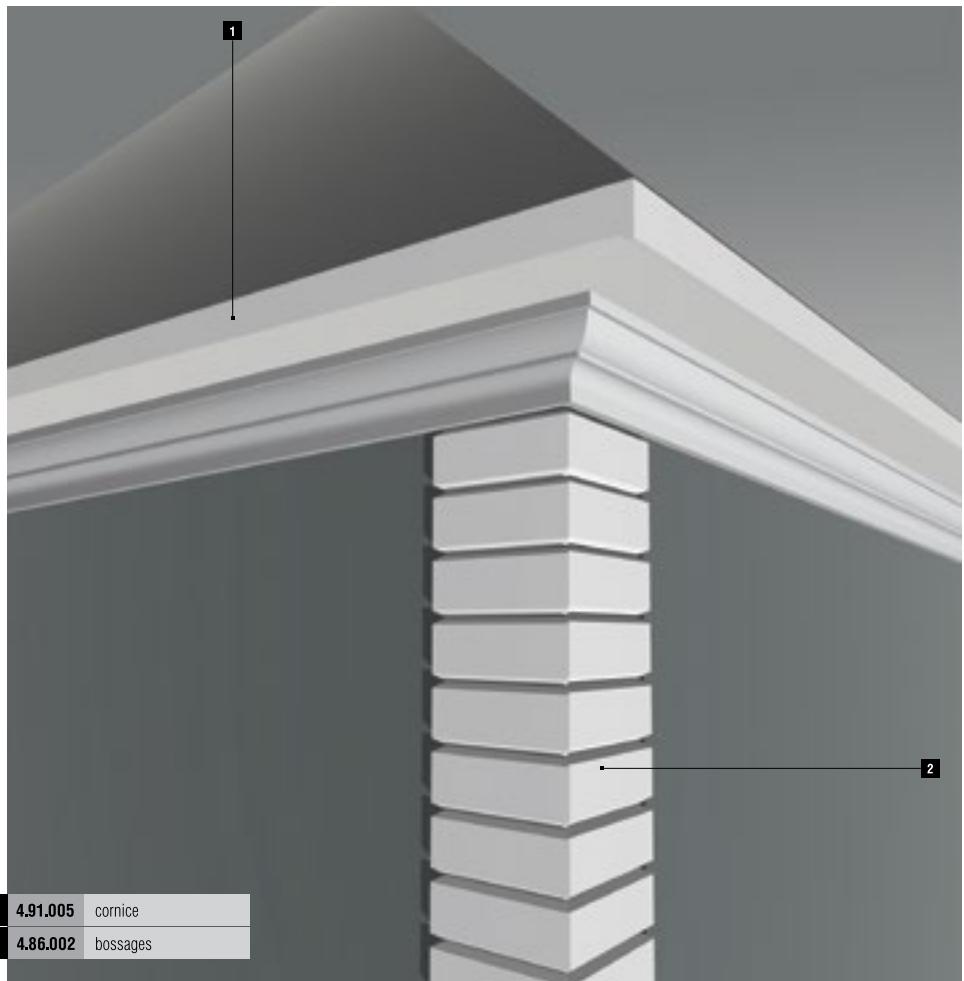
## main cornices



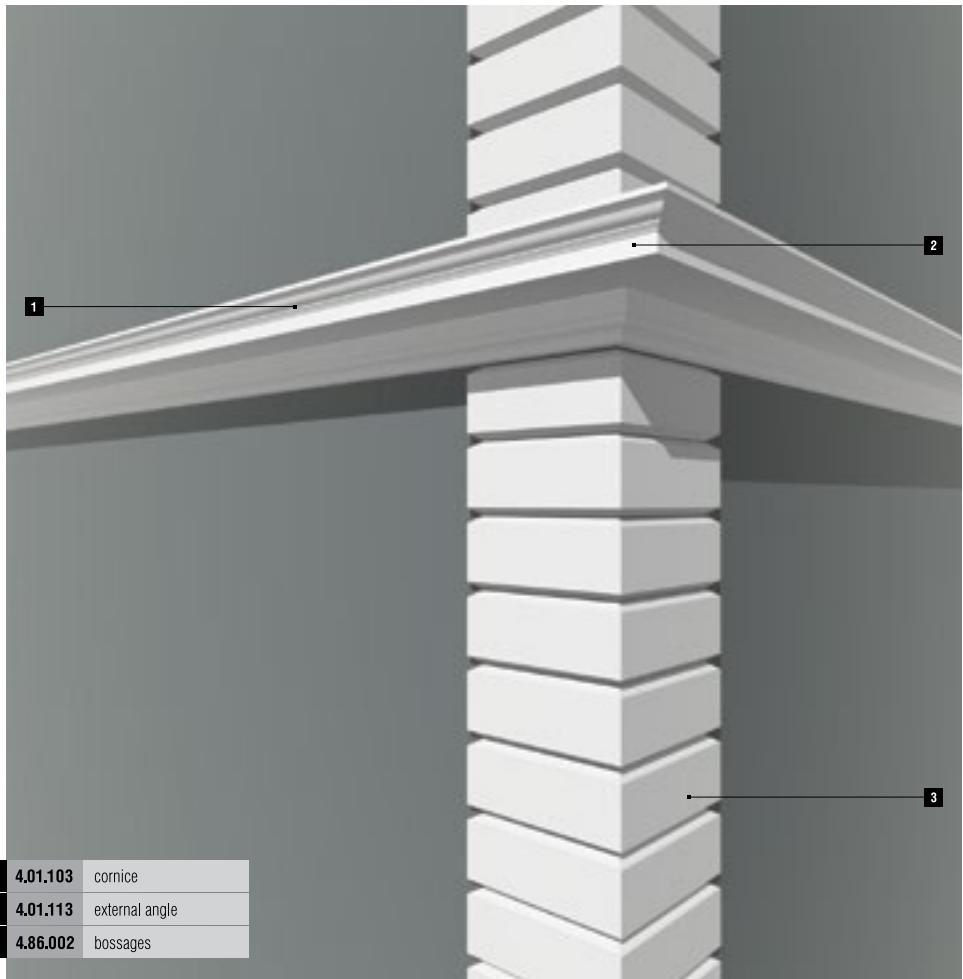


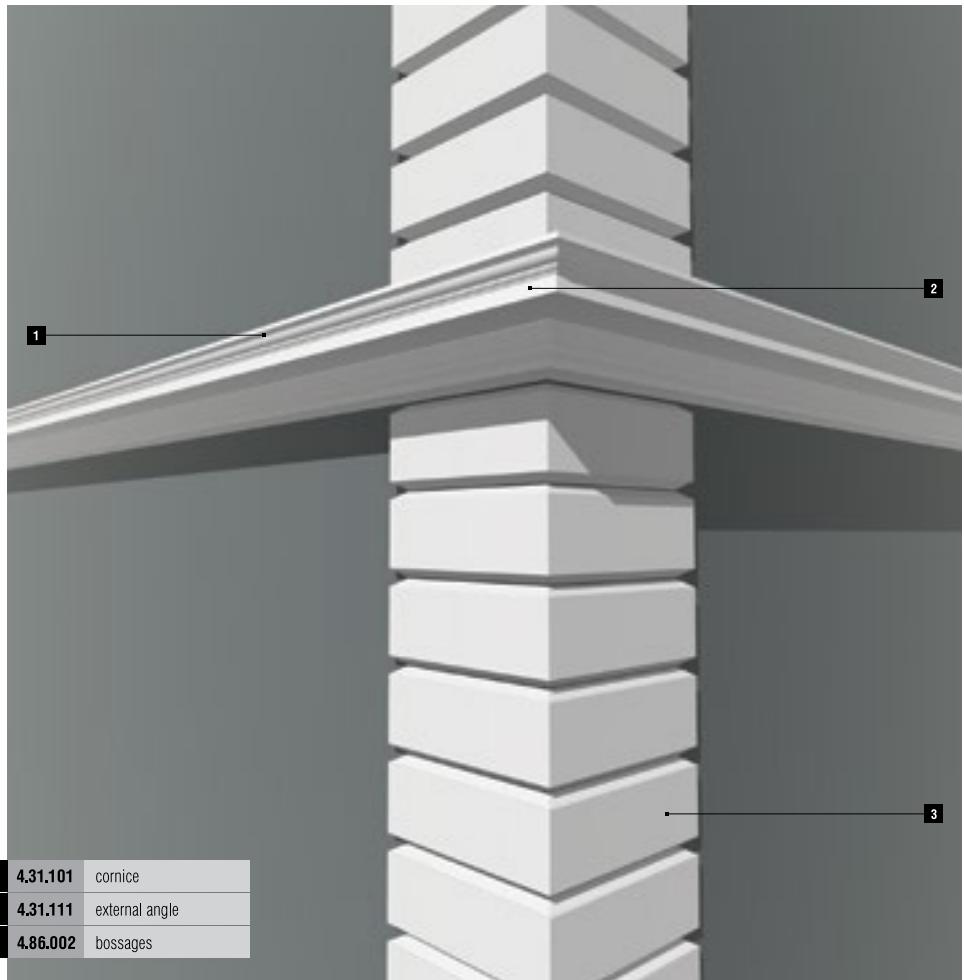
## main cornices



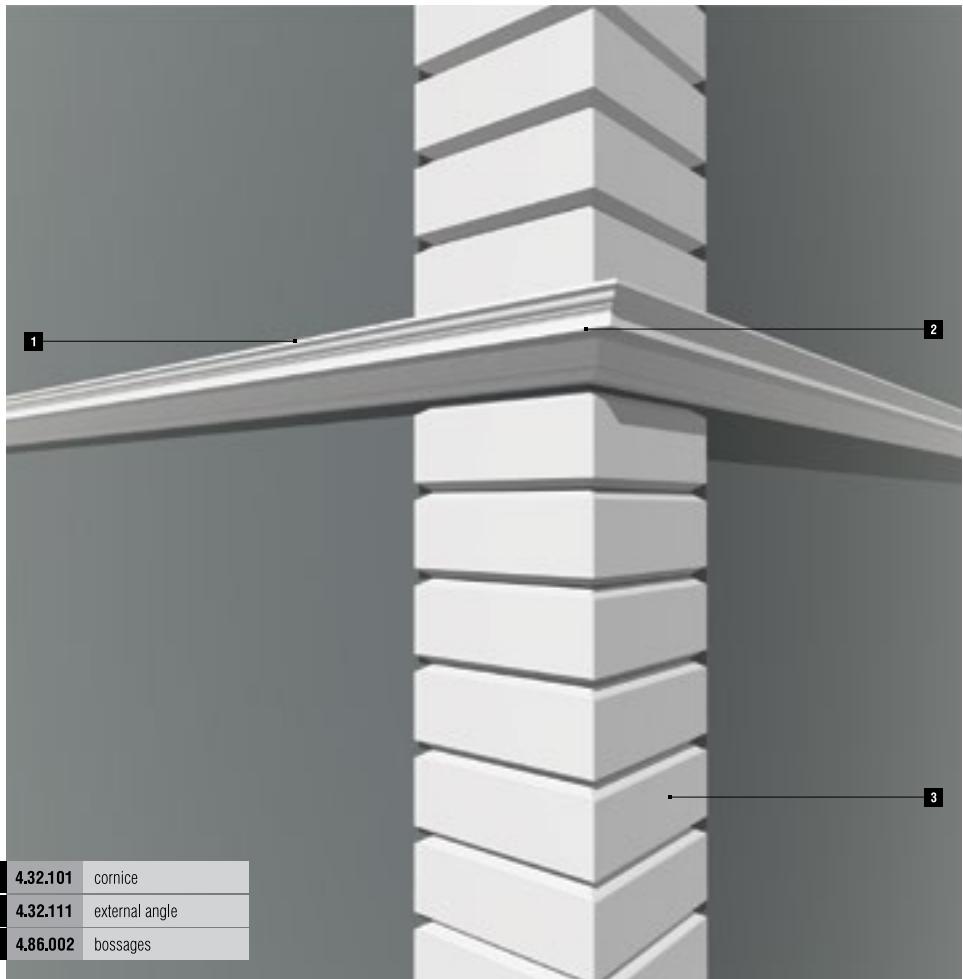


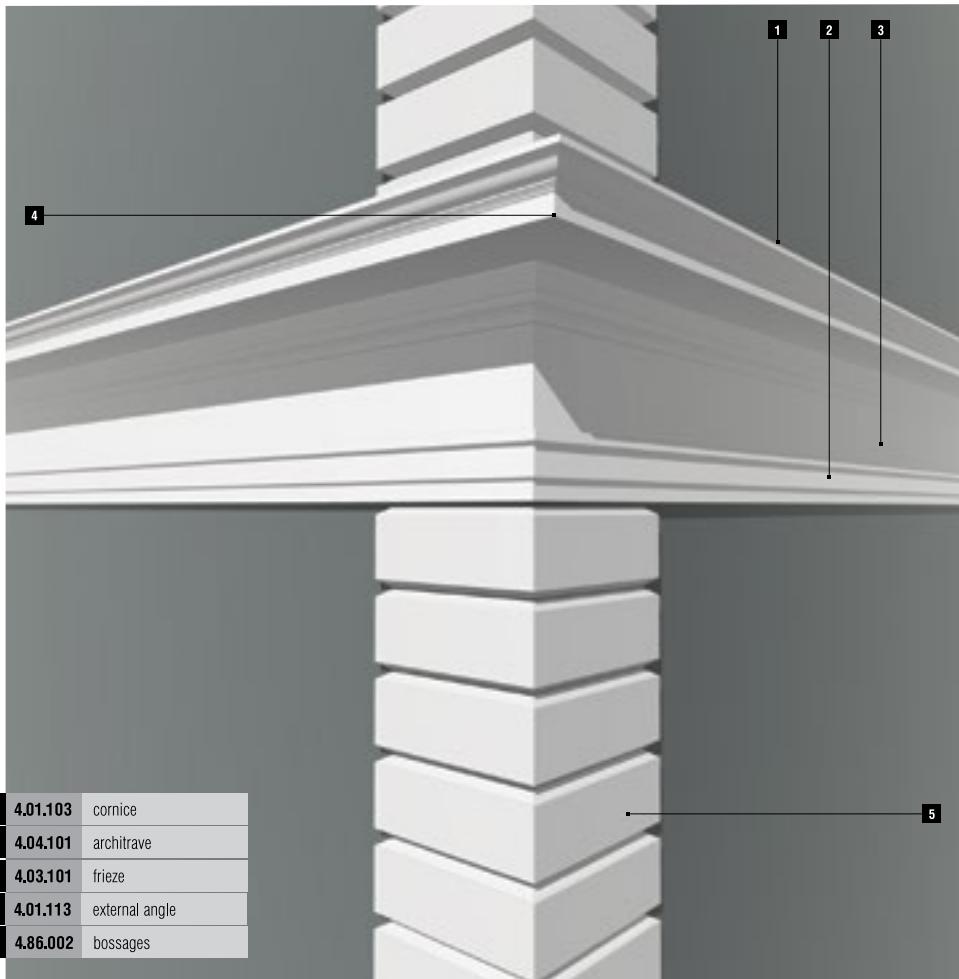
## facade mouldings



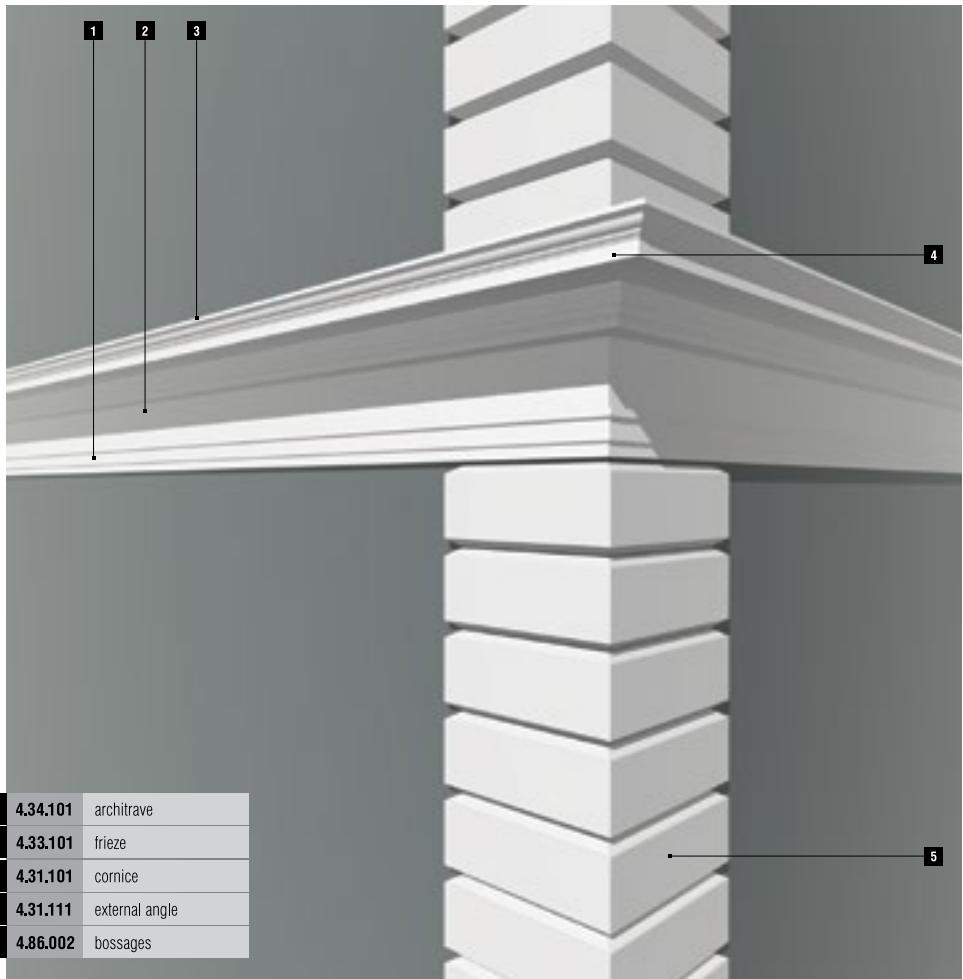


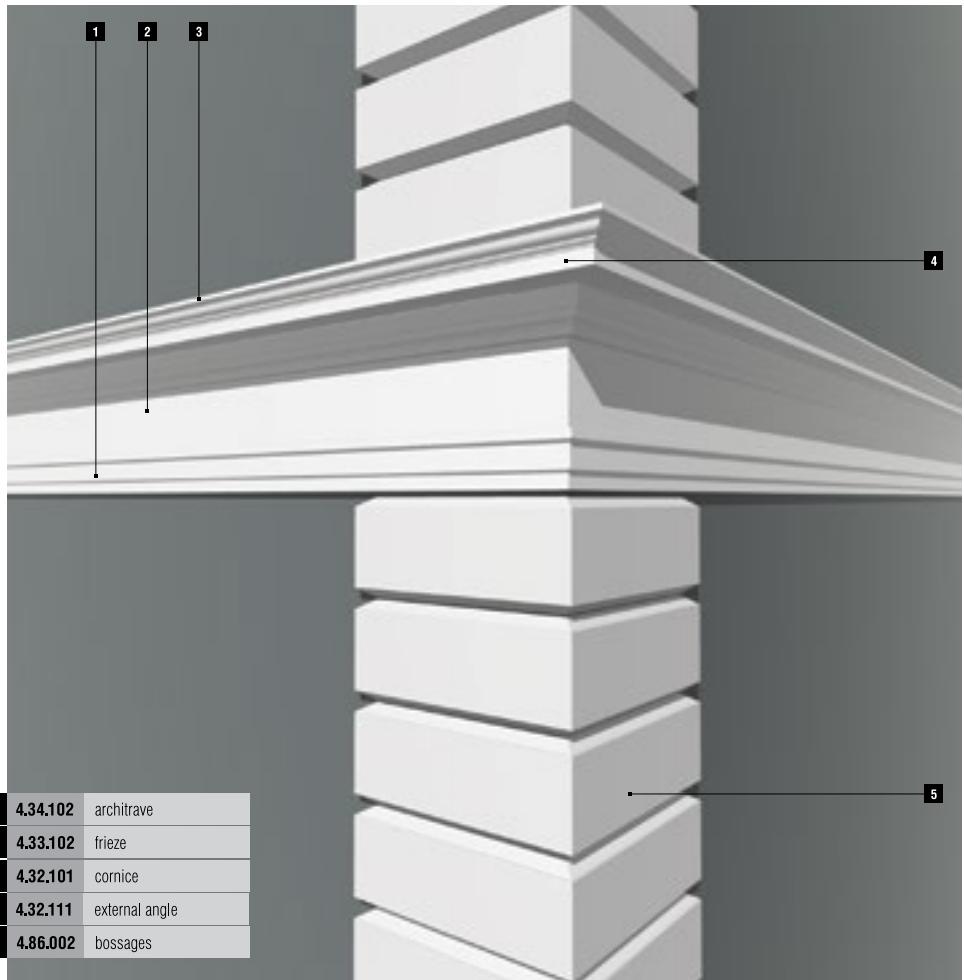
## facade mouldings



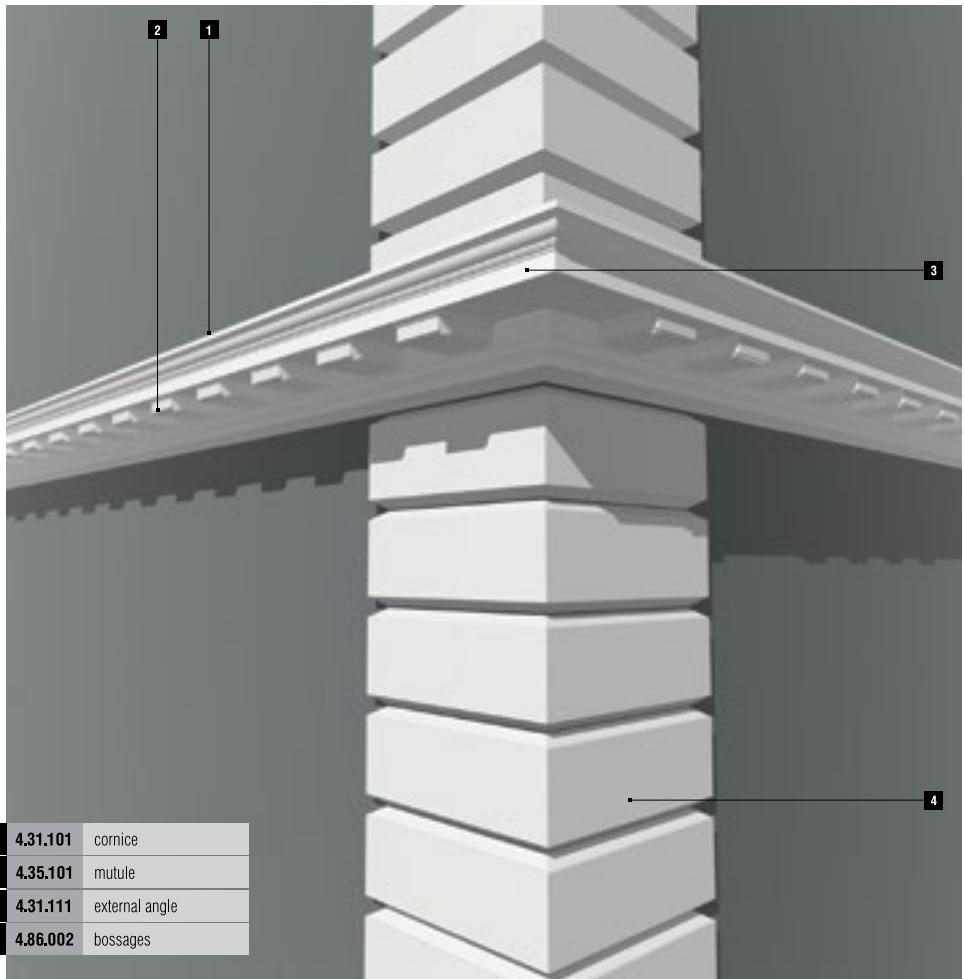


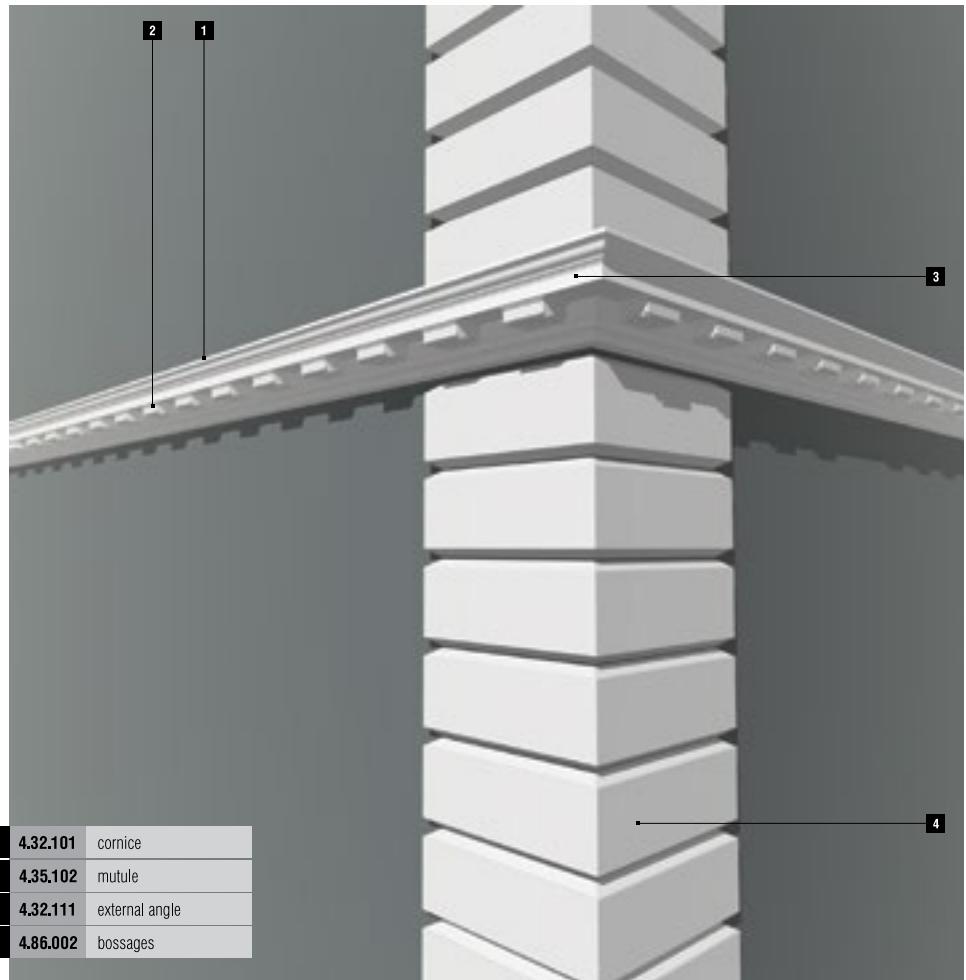
## facade mouldings



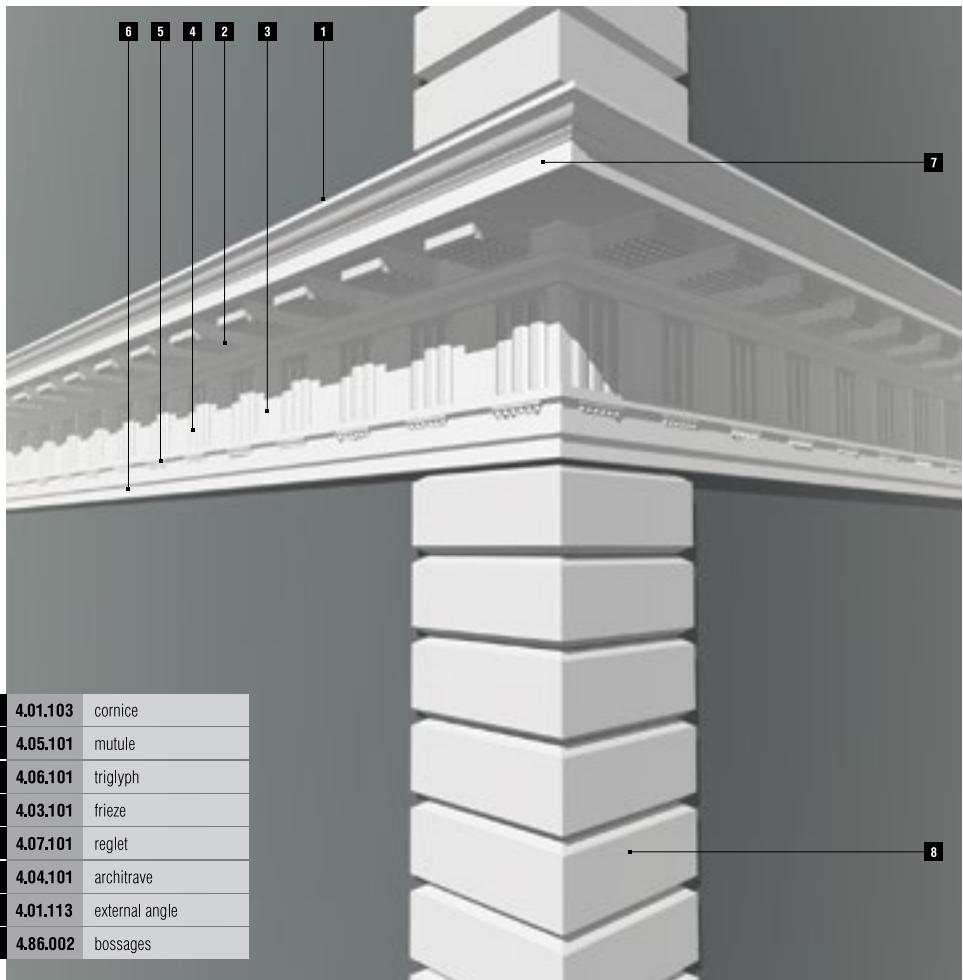


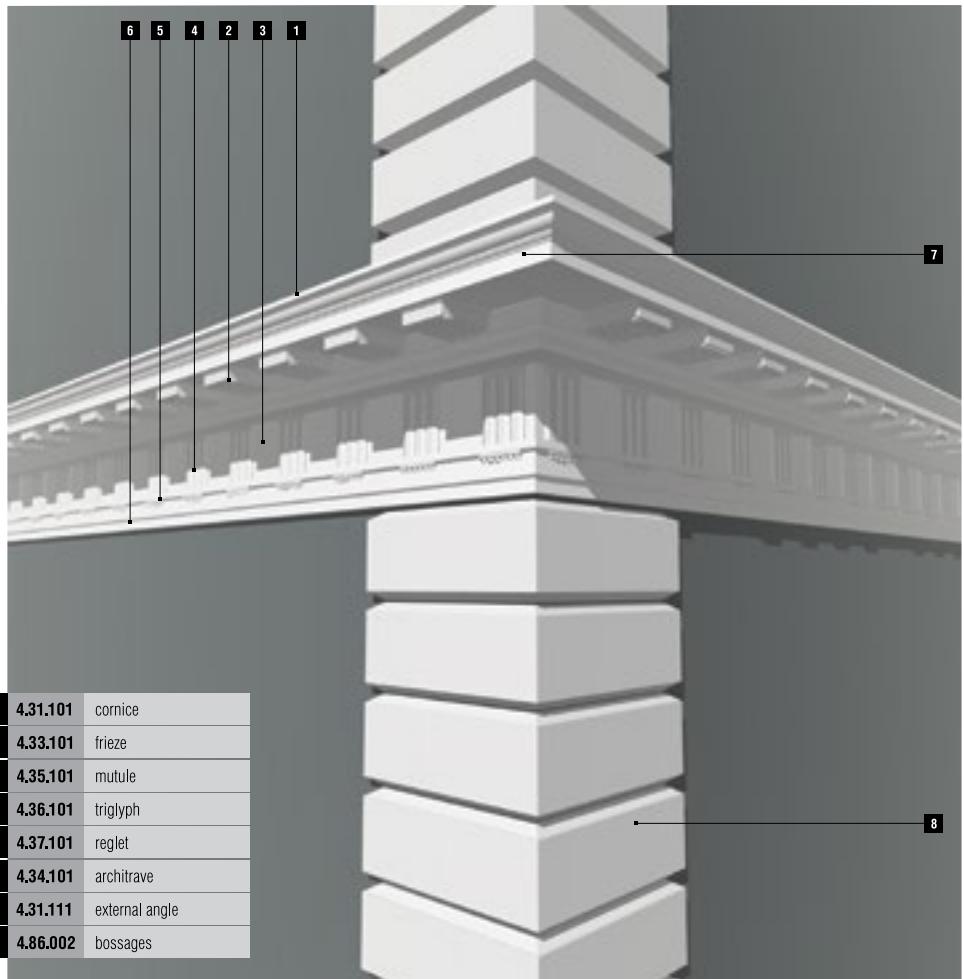
## facade mouldings



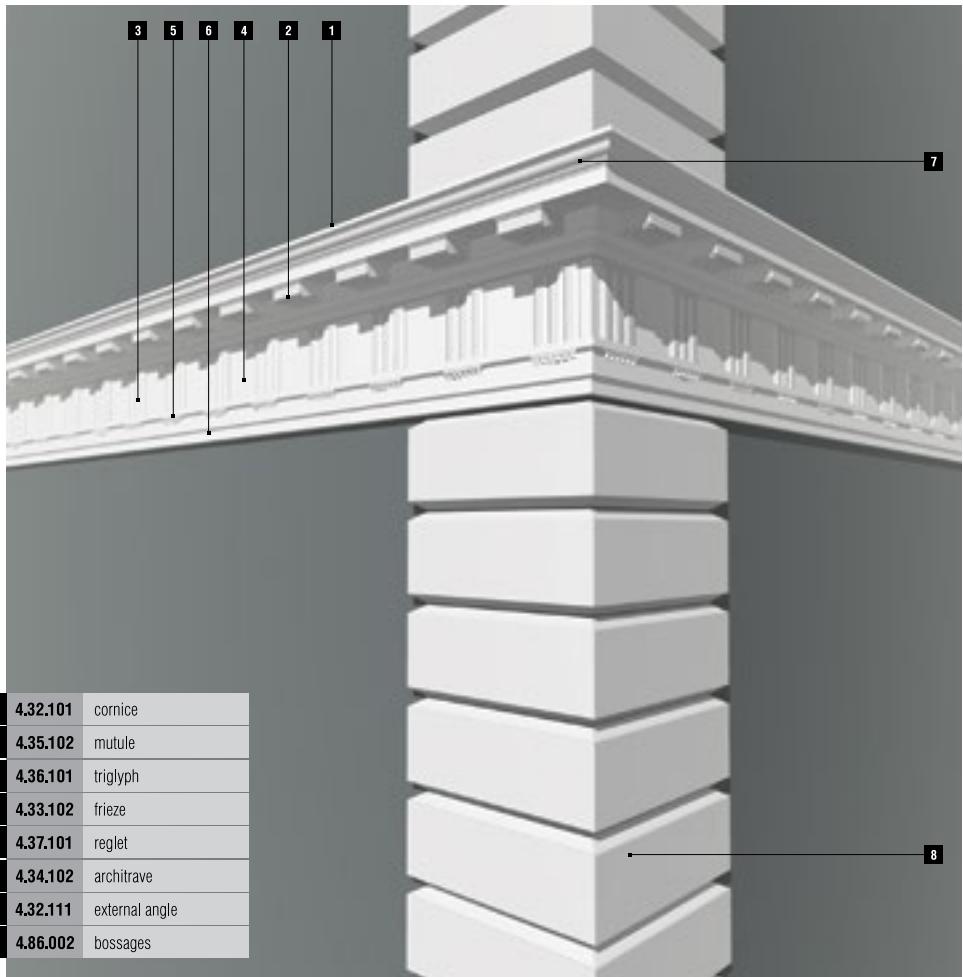


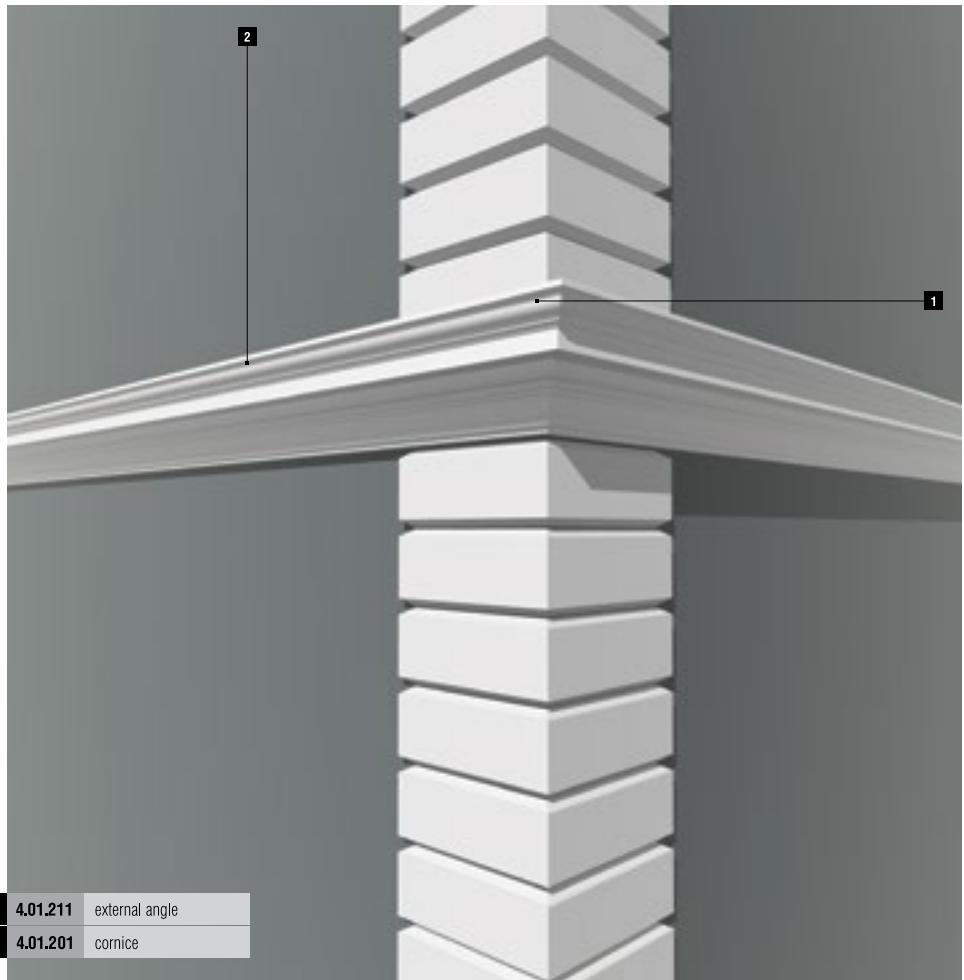
## facade mouldings



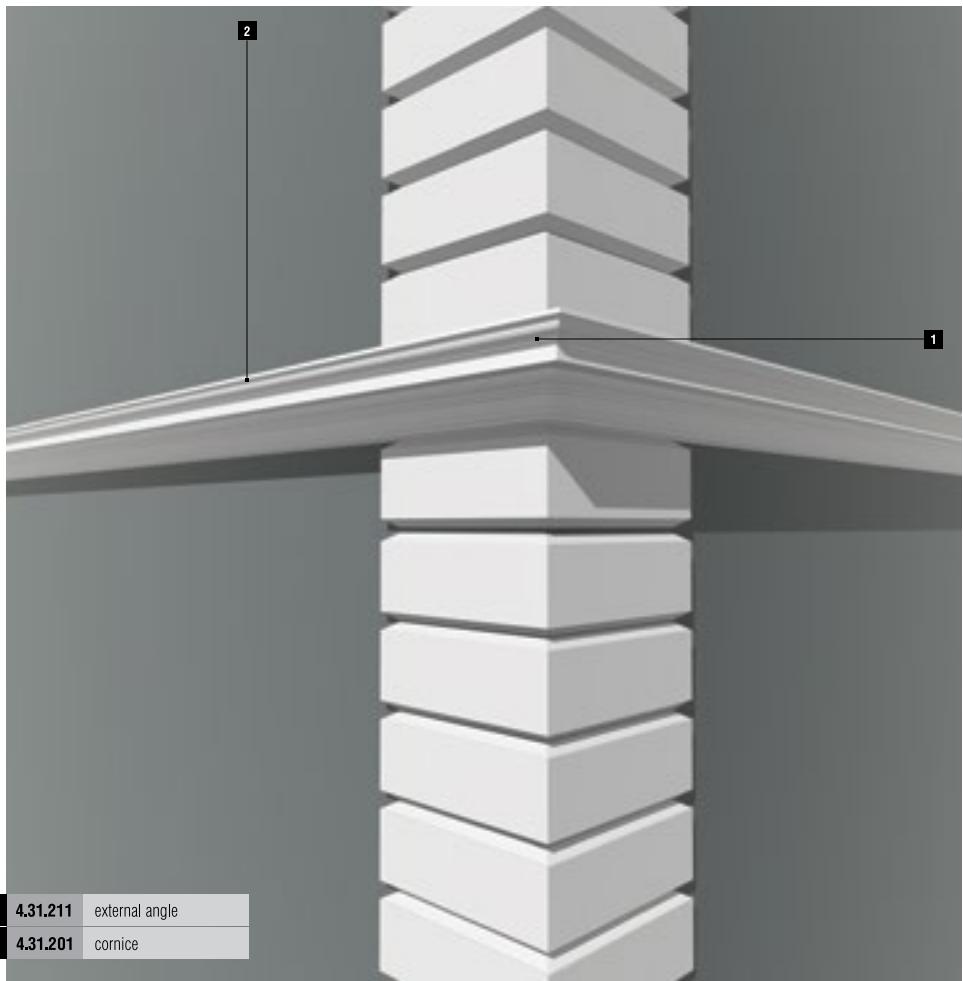


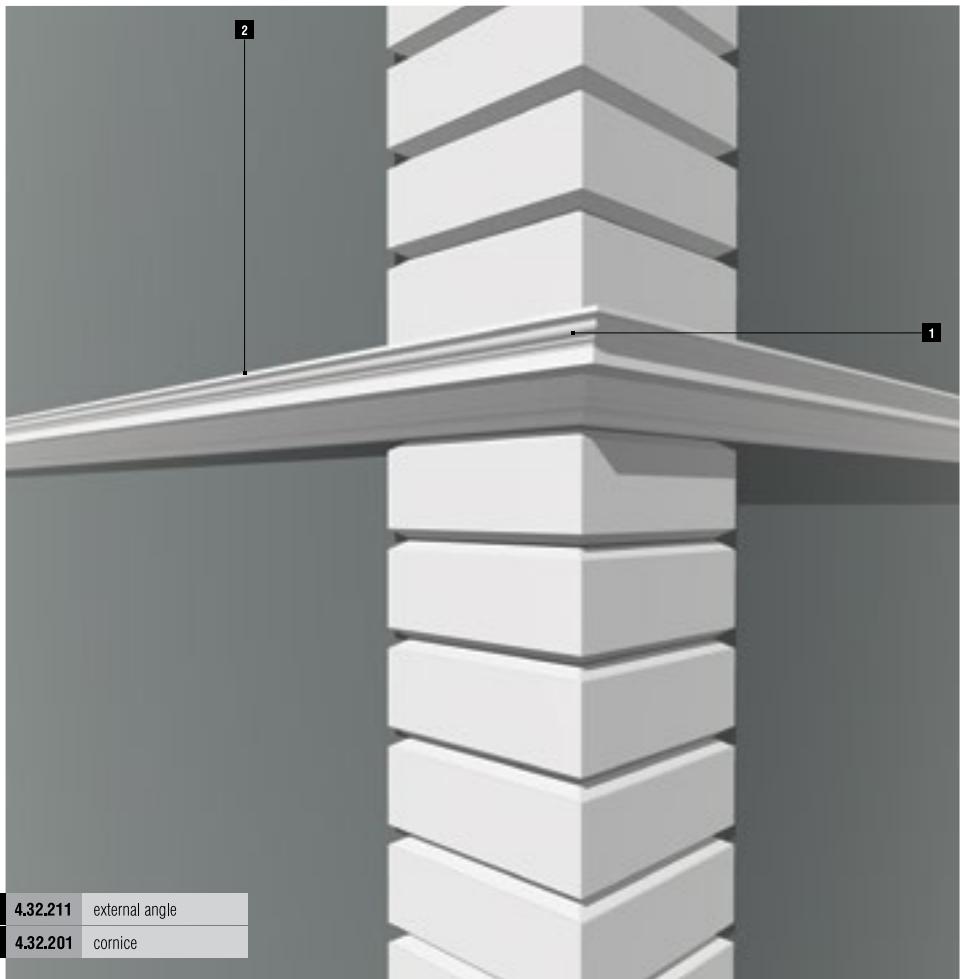
## facade mouldings



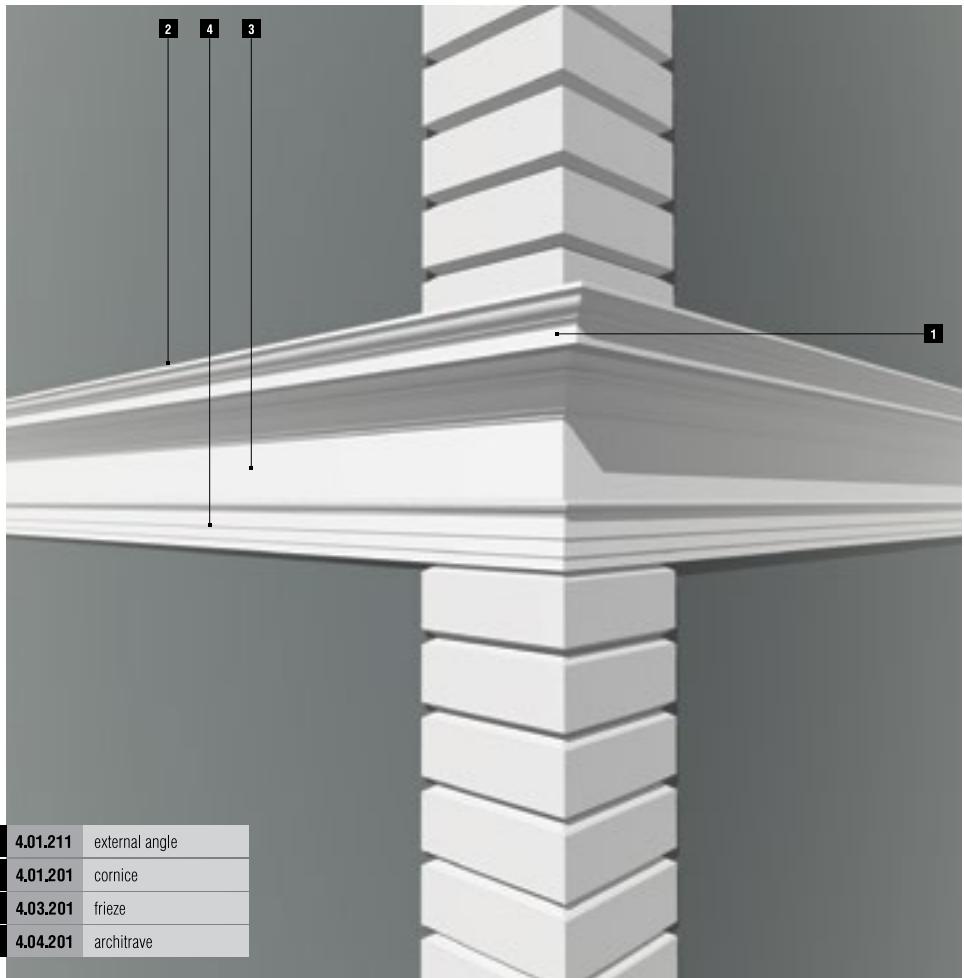


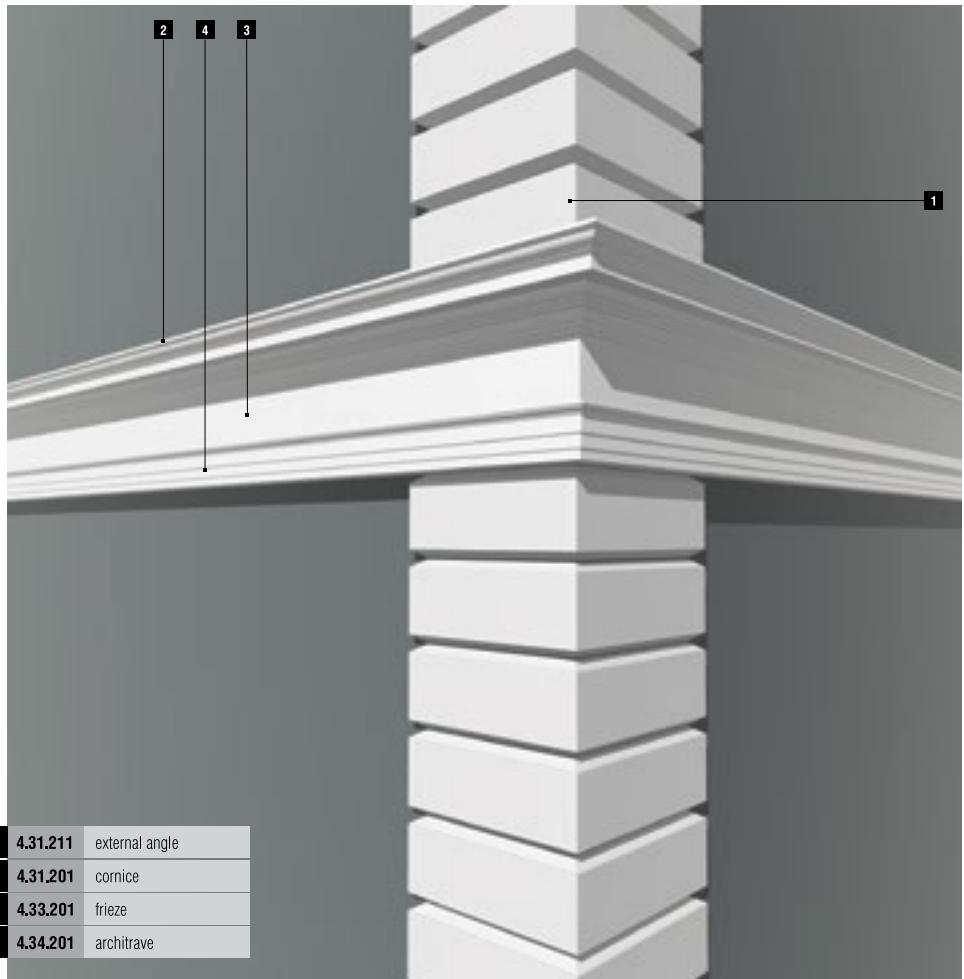
## facade mouldings



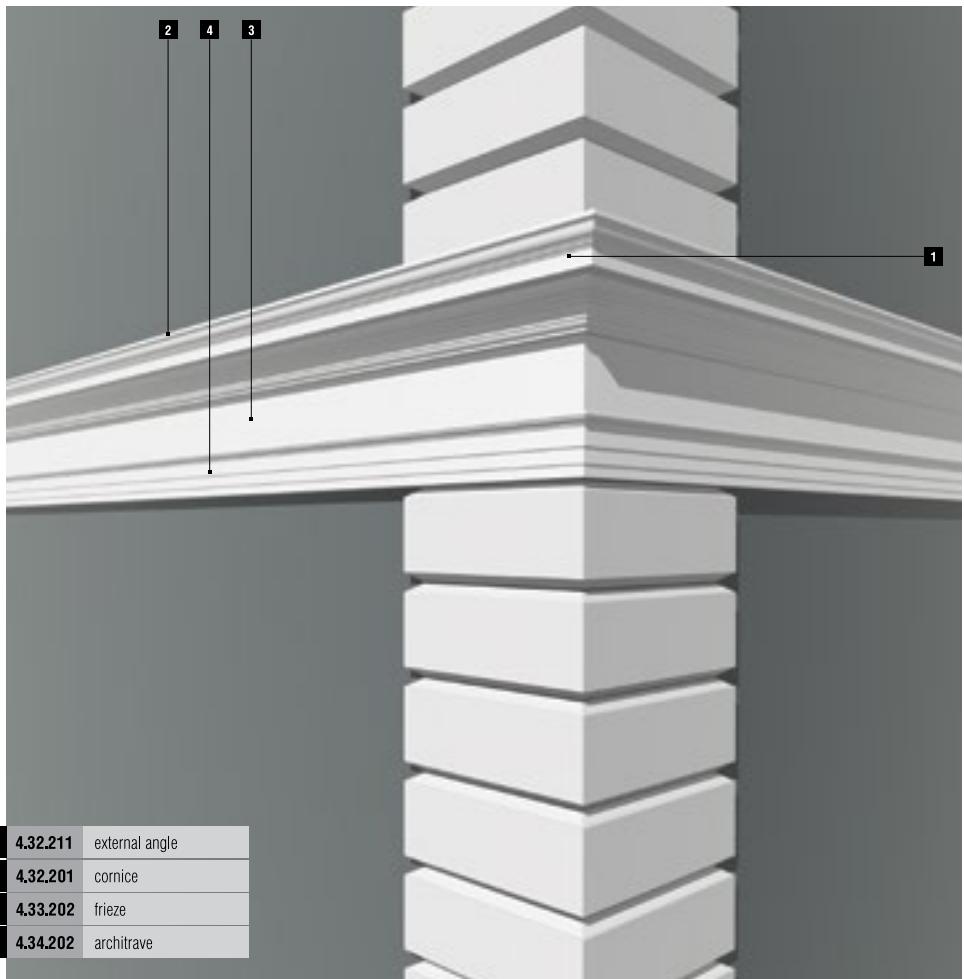


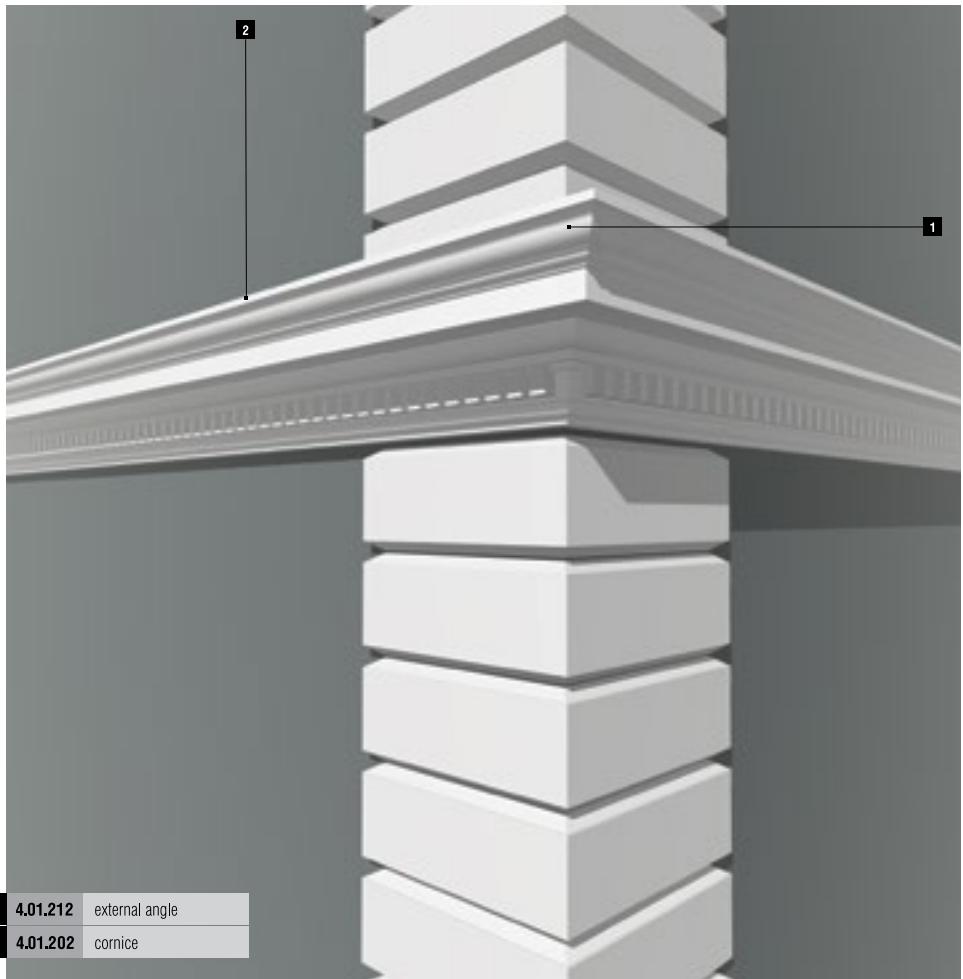
## facade mouldings



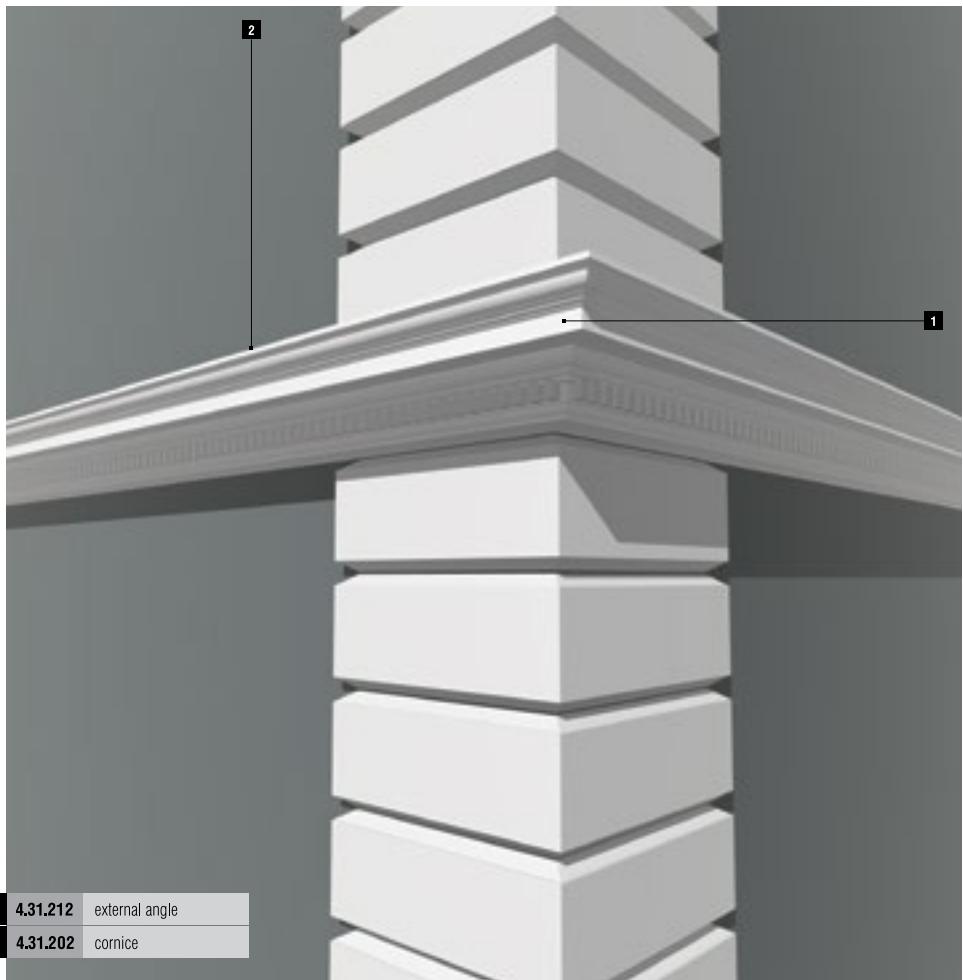


## facade mouldings



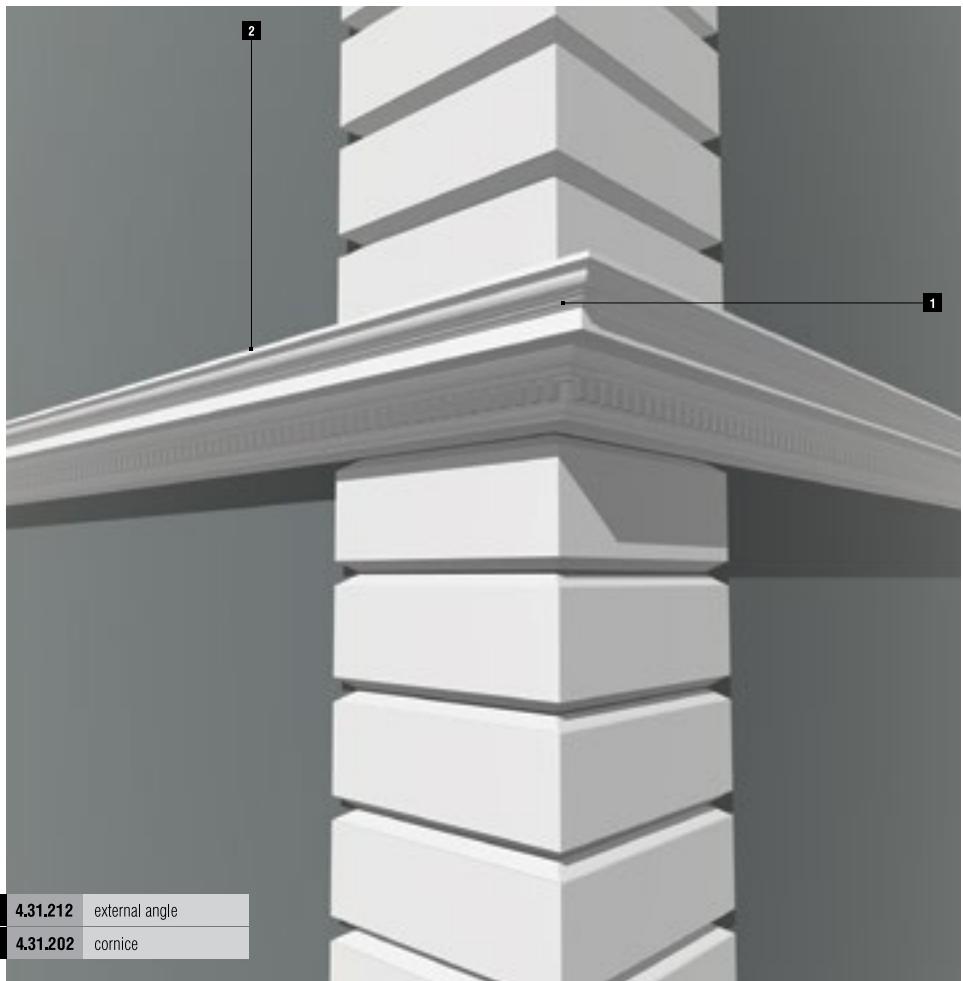


## facade mouldings

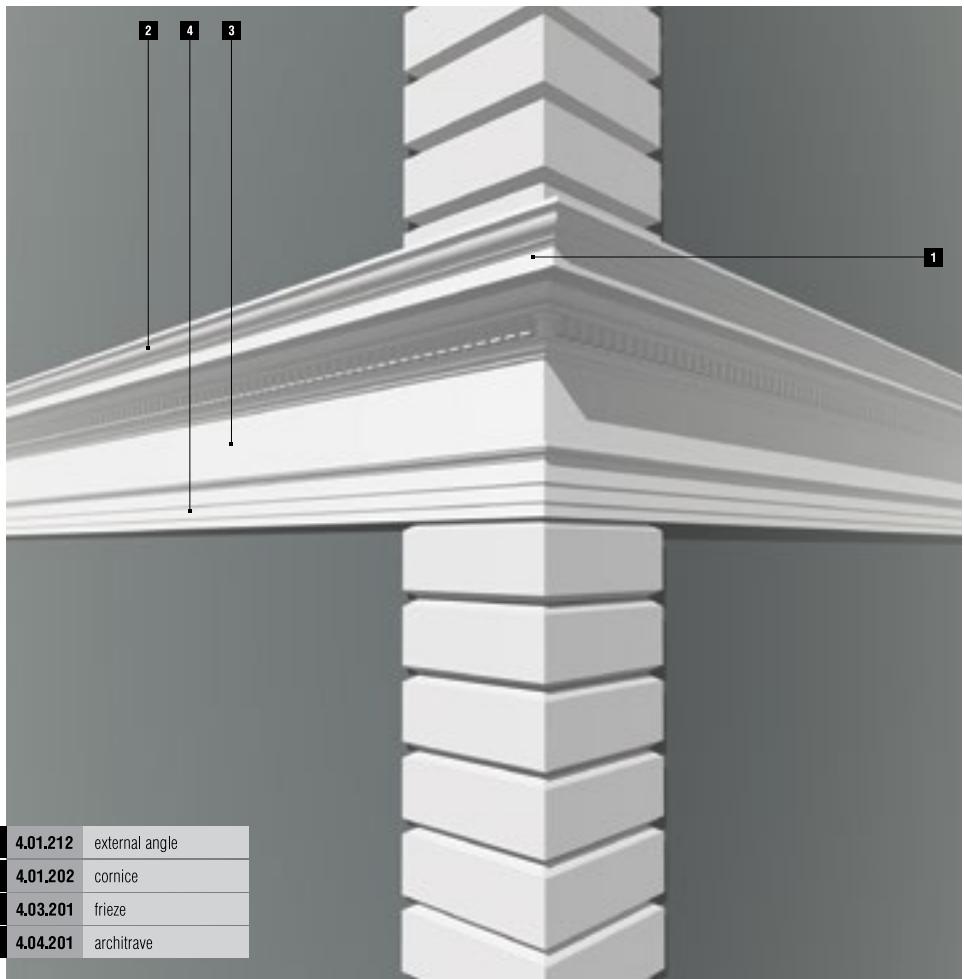


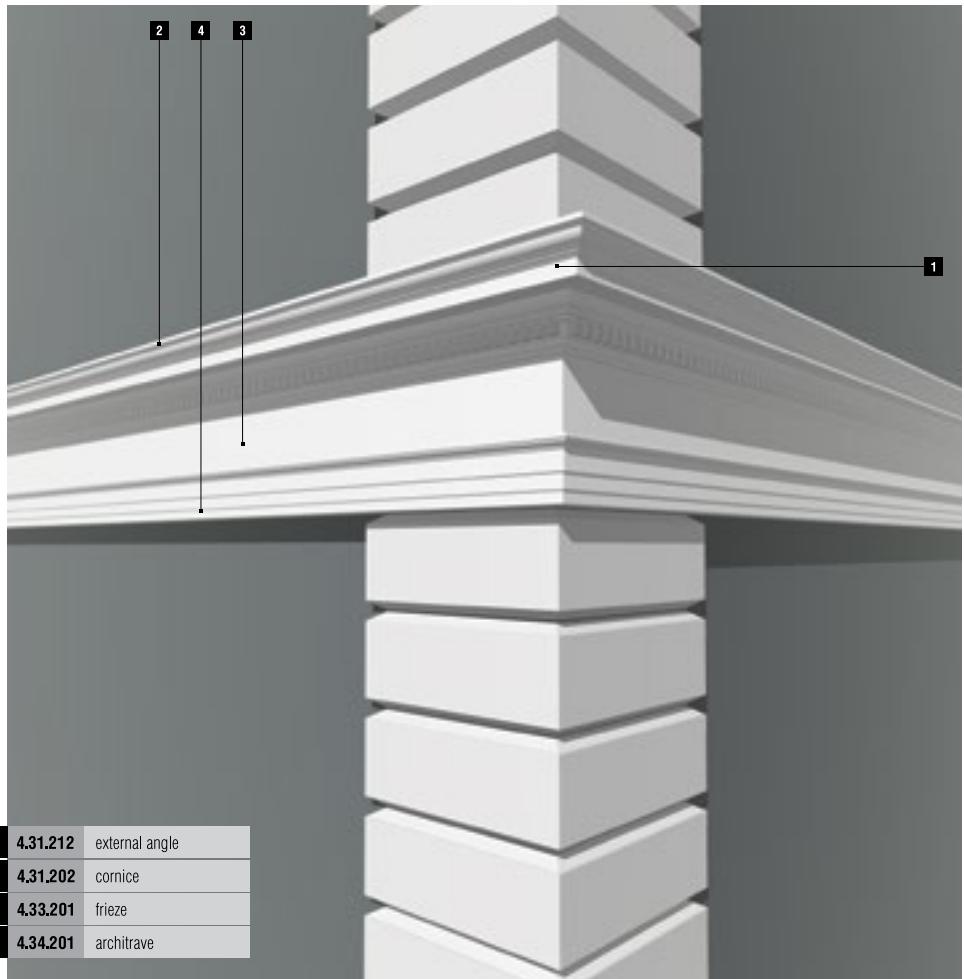
1 4.31.212 external angle

2 4.31.202 cornice

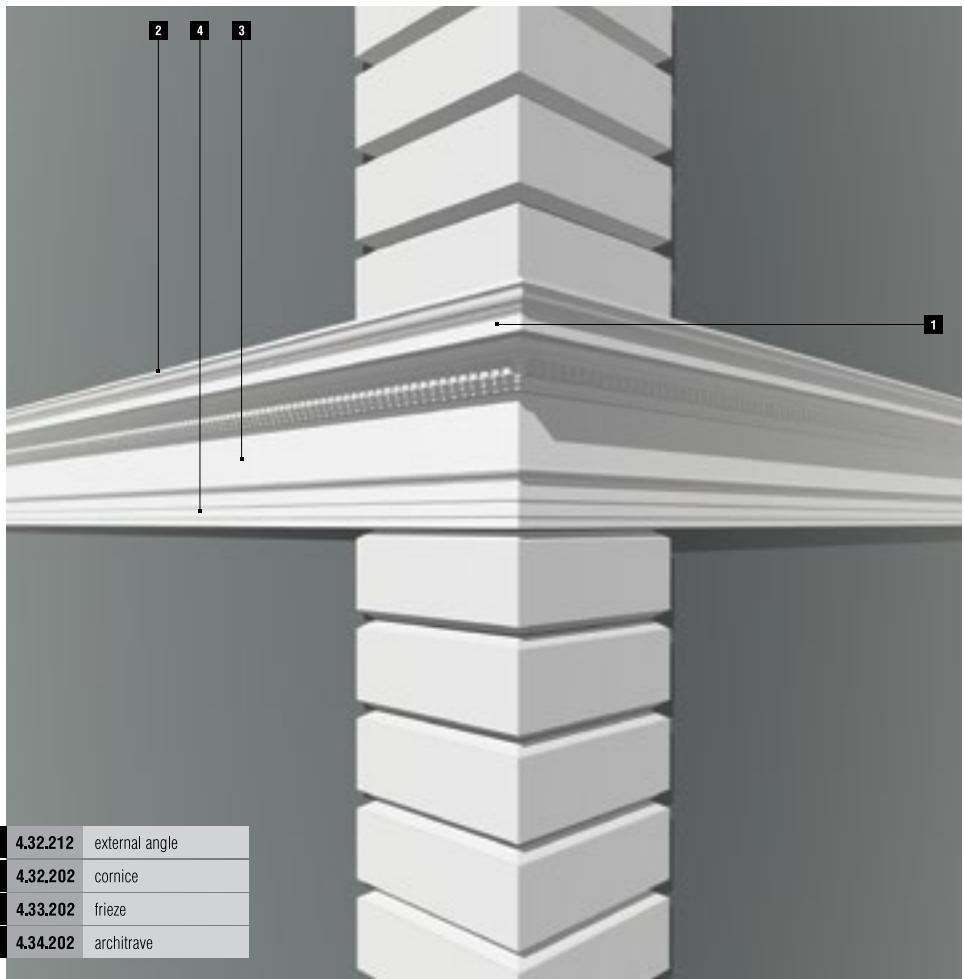


## facade mouldings

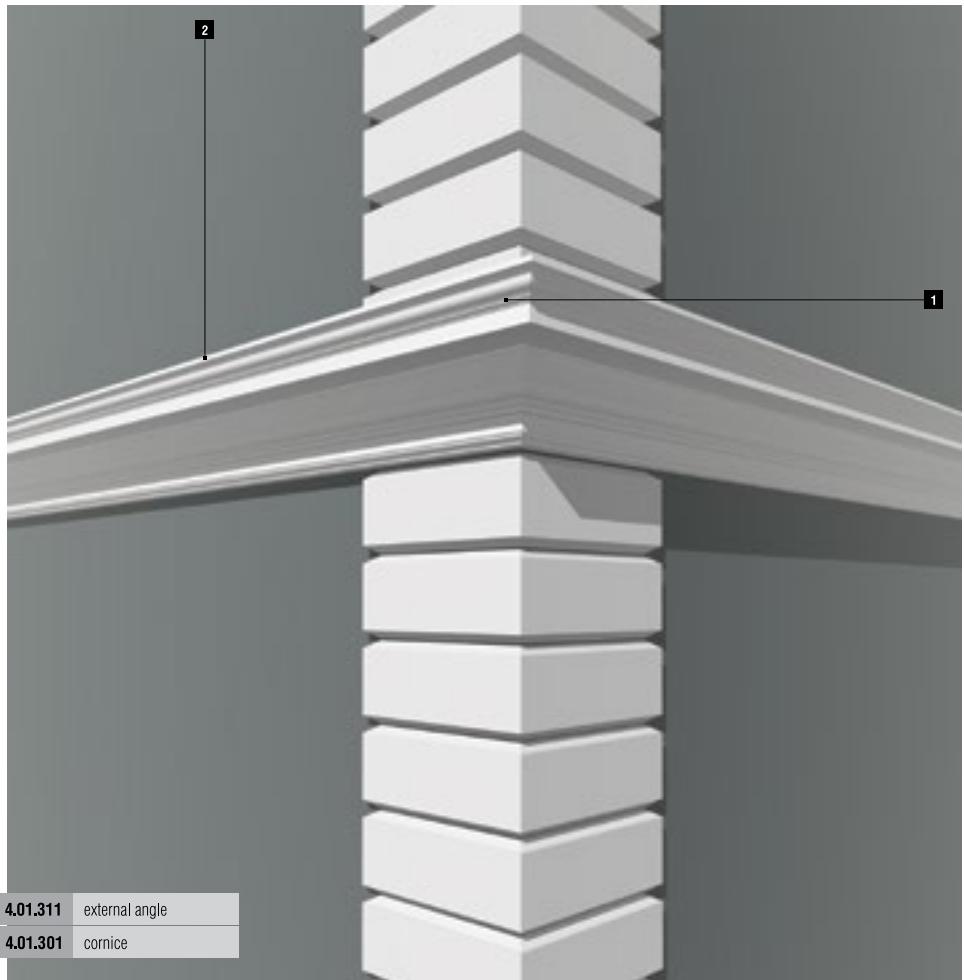




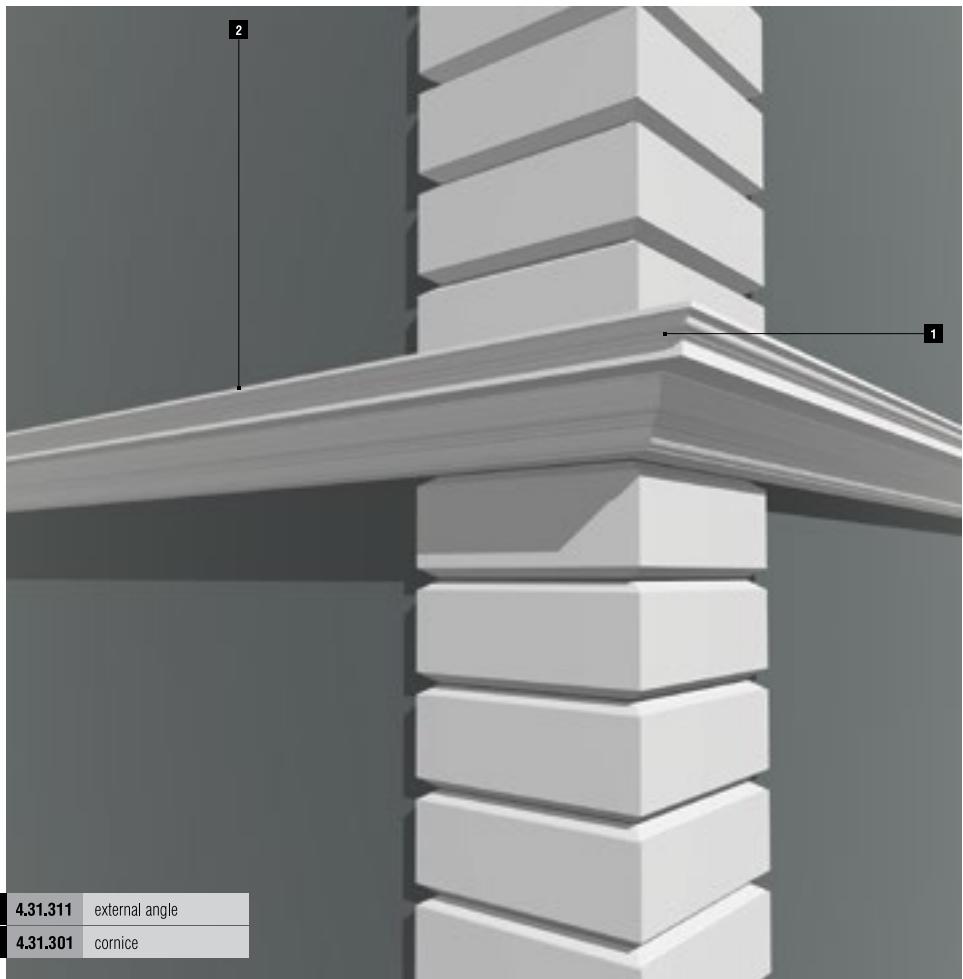
## facade mouldings

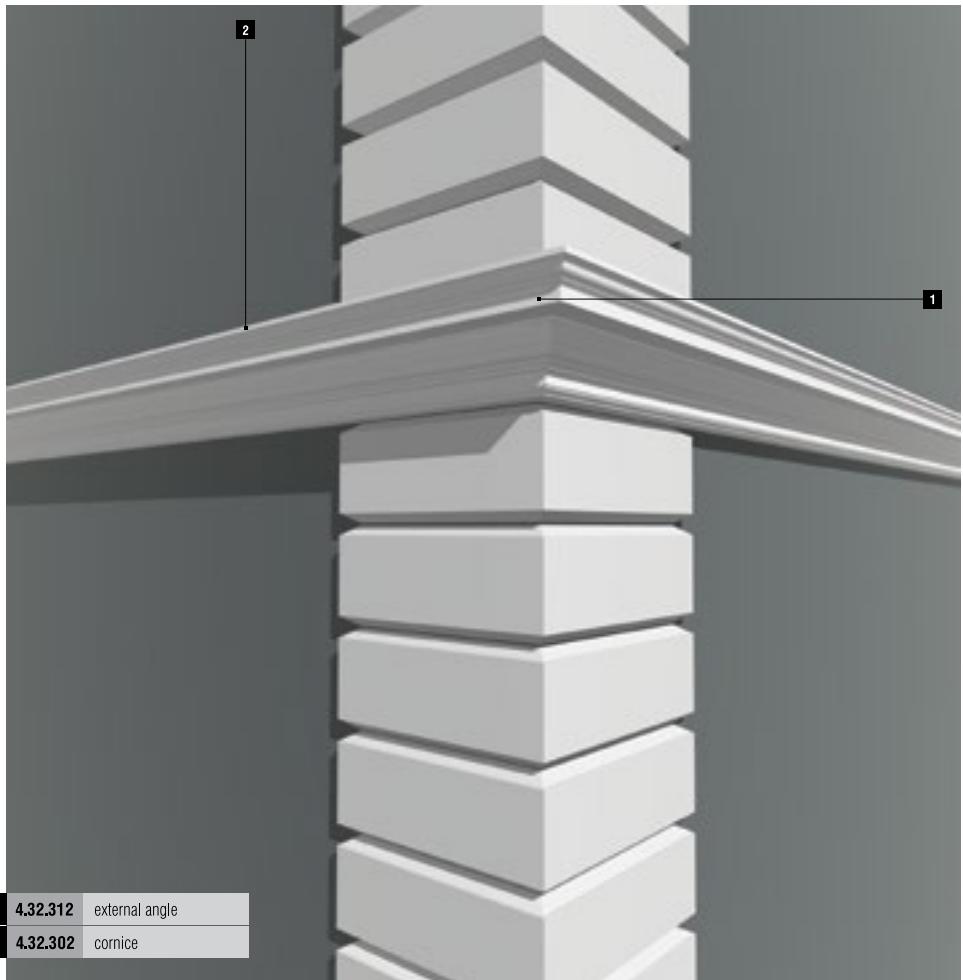


<b>1</b>	<b>4.32.212</b>	external angle
<b>2</b>	<b>4.32.202</b>	cornice
<b>3</b>	<b>4.33.202</b>	frieze
<b>4</b>	<b>4.34.202</b>	architrave

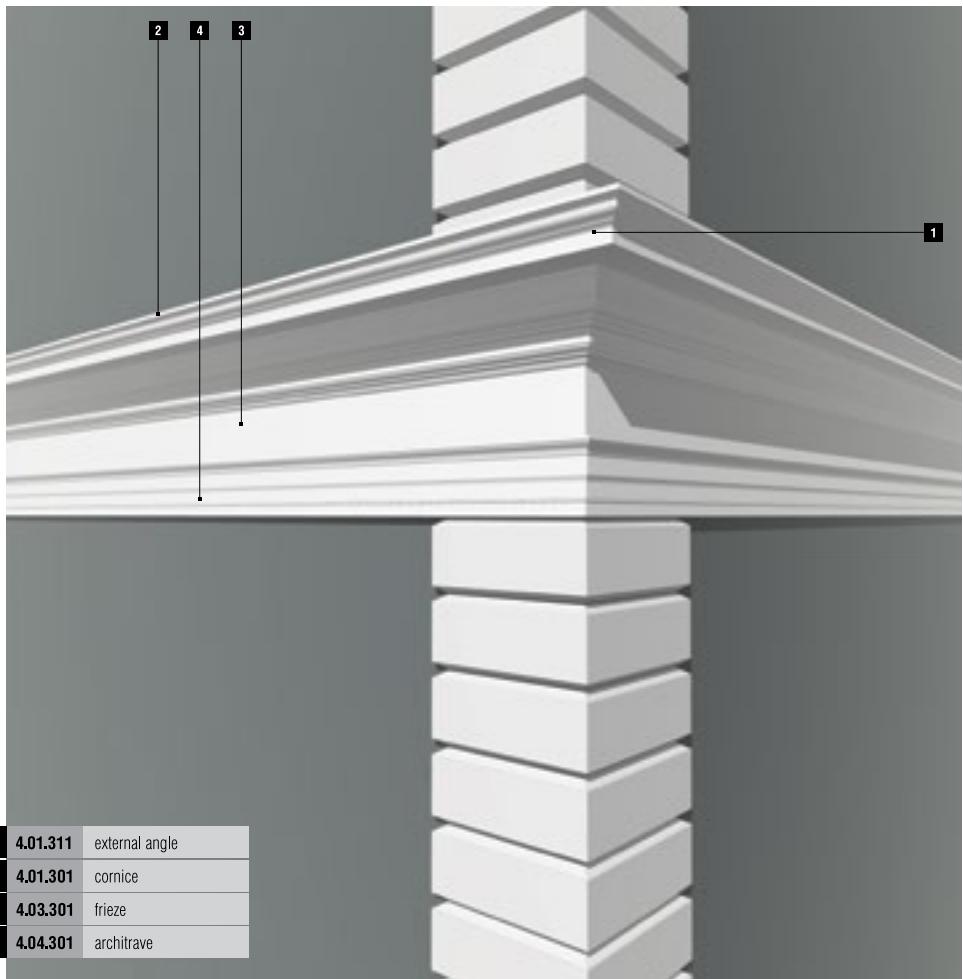


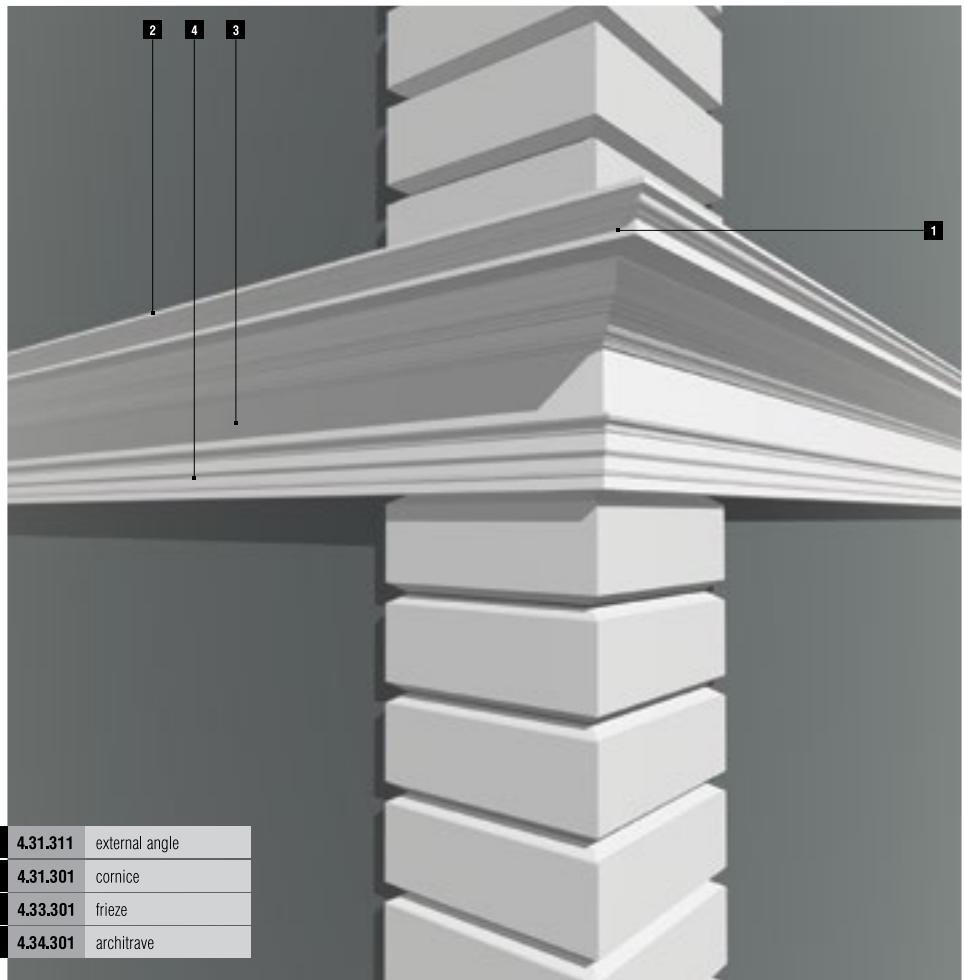
## facade mouldings



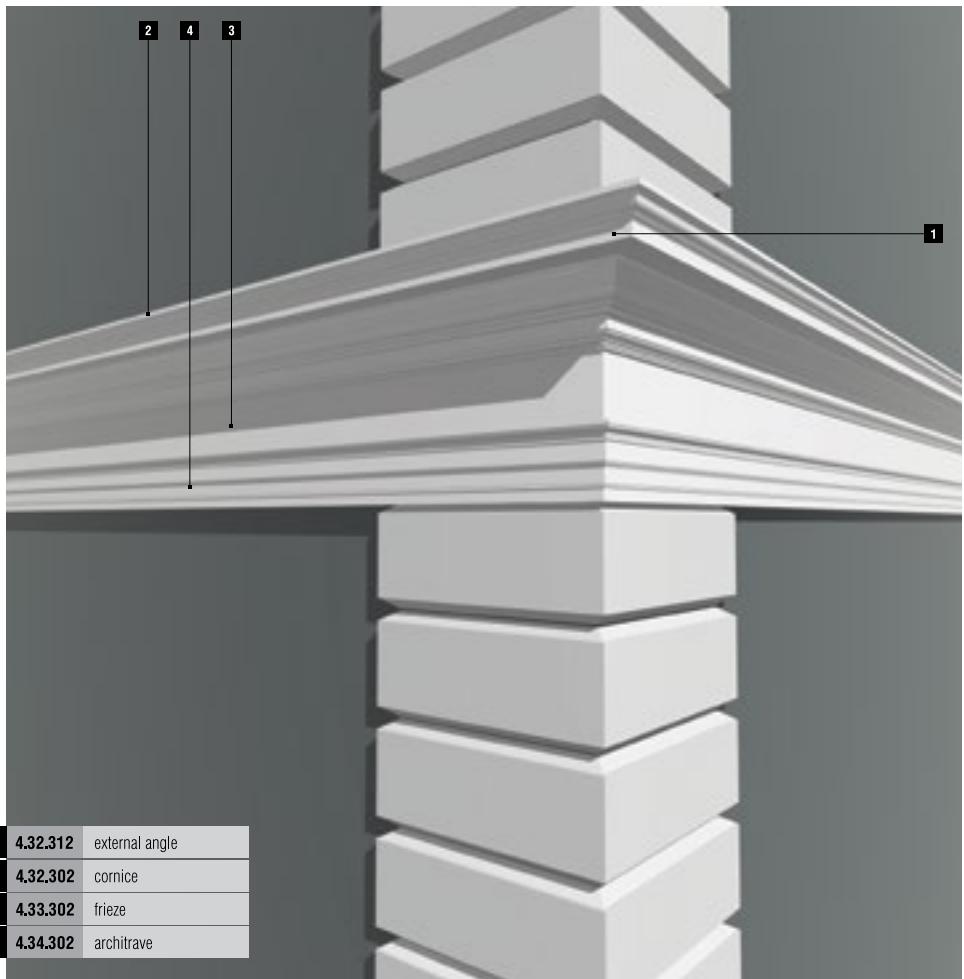


## facade mouldings

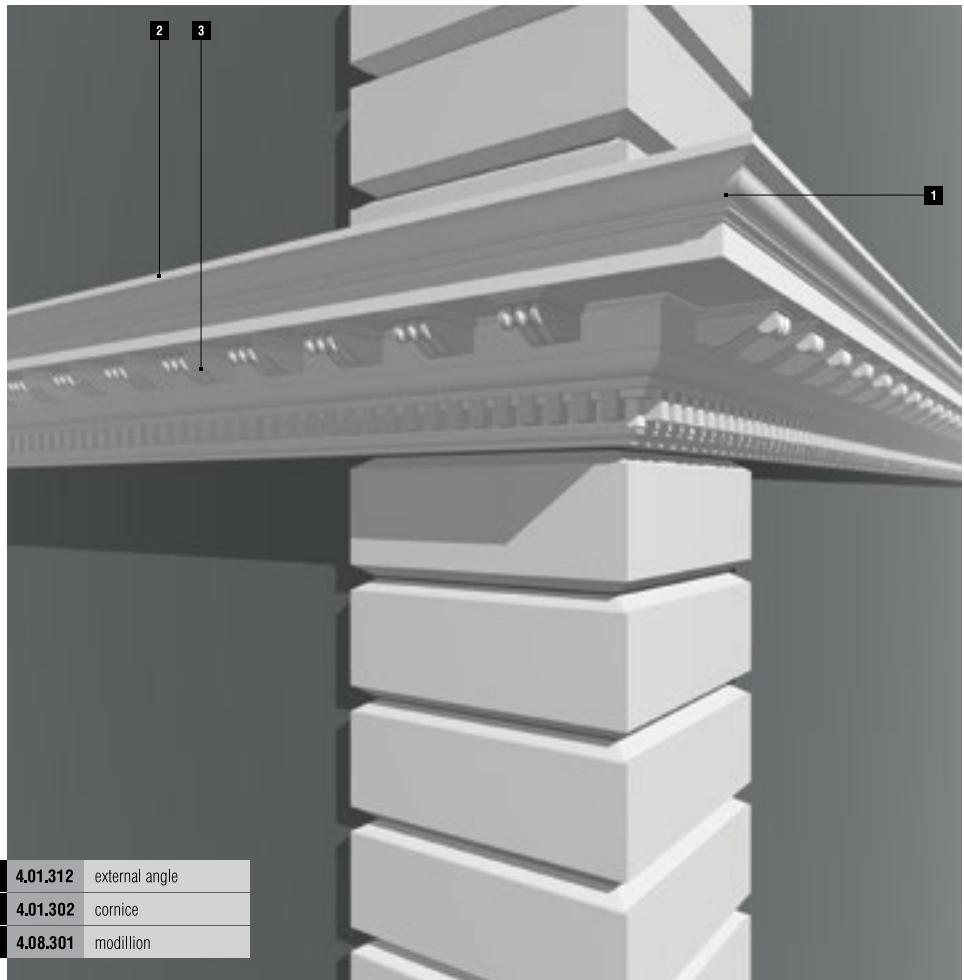




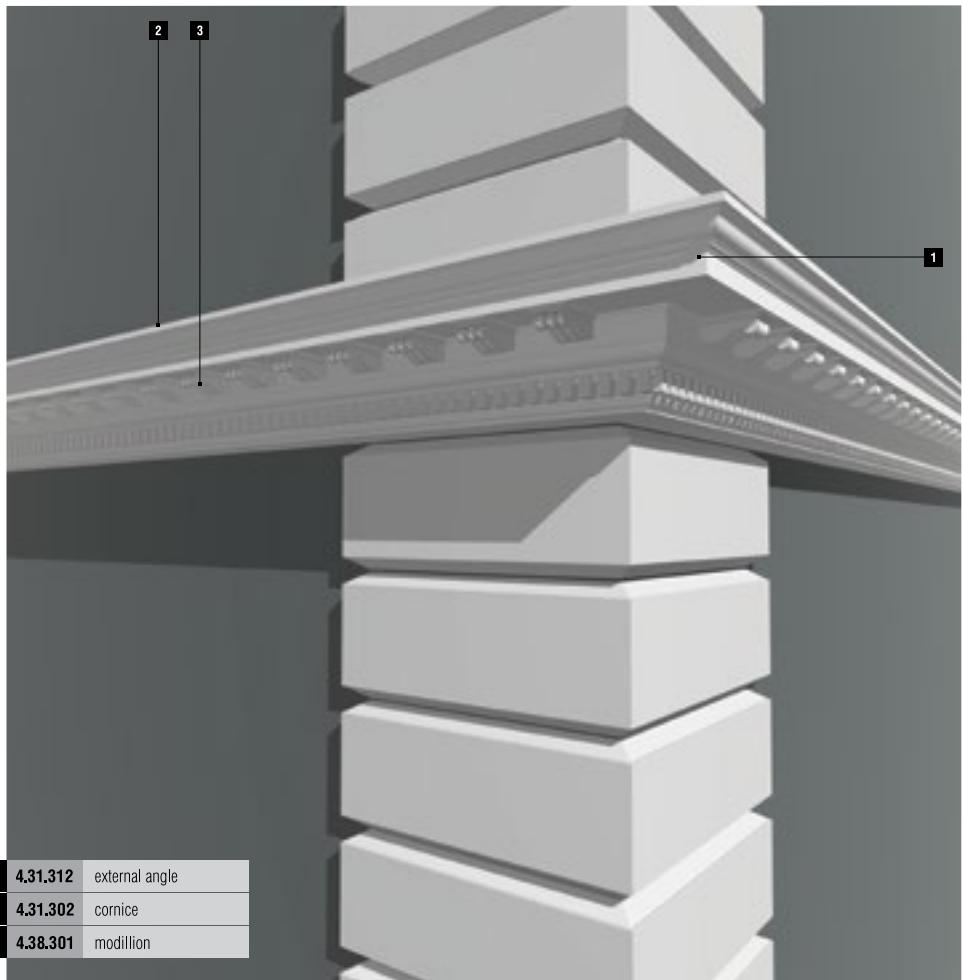
## facade mouldings

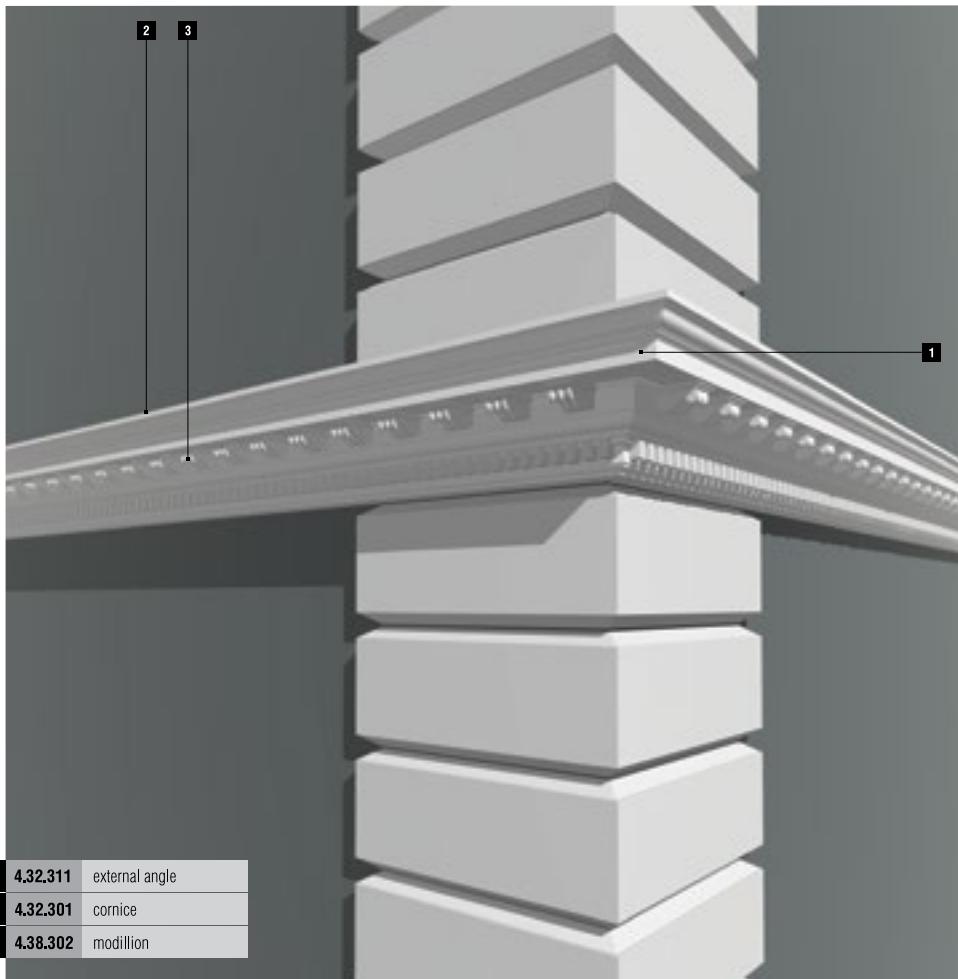


<b>1</b>	<b>4.32.312</b>	external angle
<b>2</b>	<b>4.32.302</b>	cornice
<b>3</b>	<b>4.33.302</b>	frieze
<b>4</b>	<b>4.34.302</b>	architrave

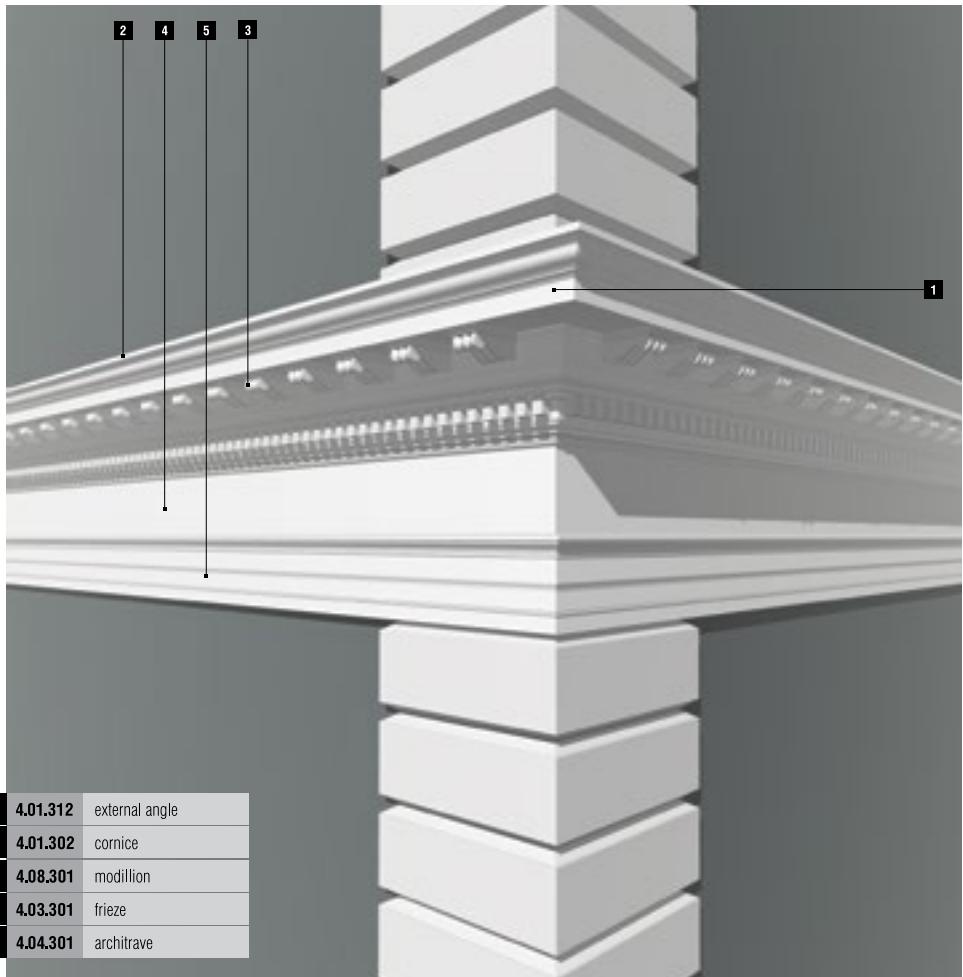


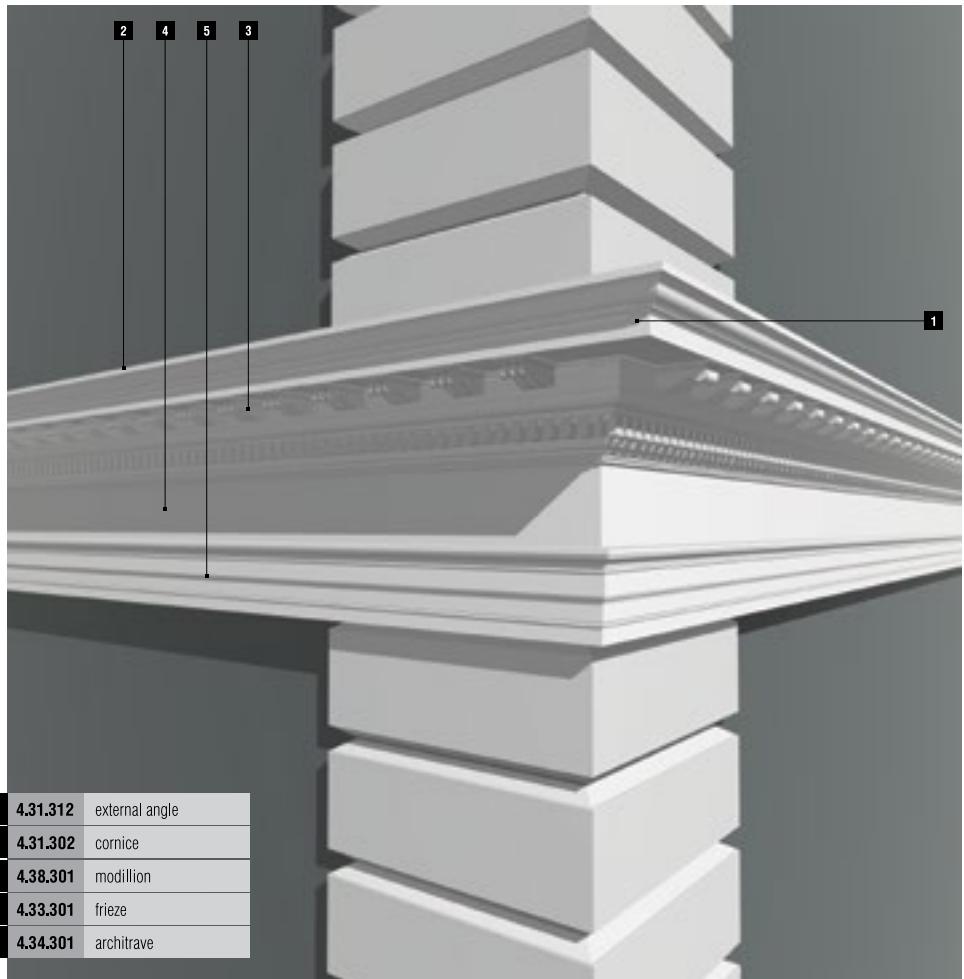
## facade mouldings



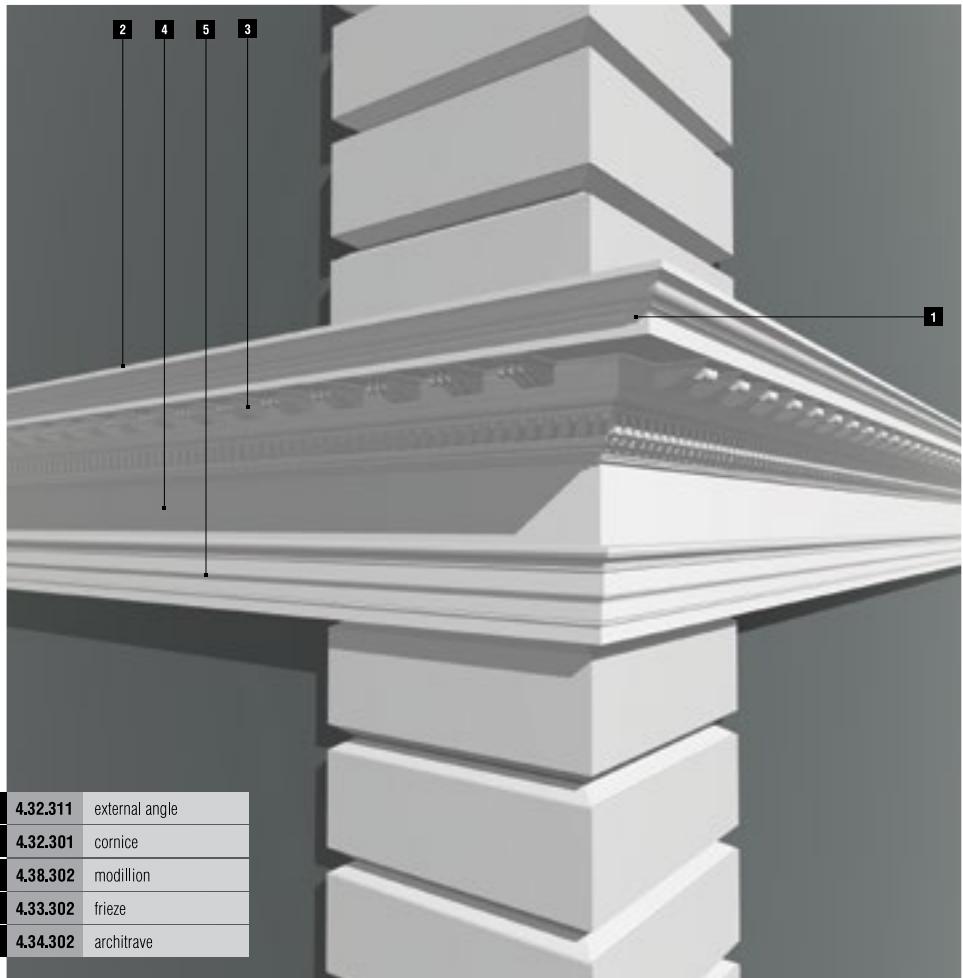


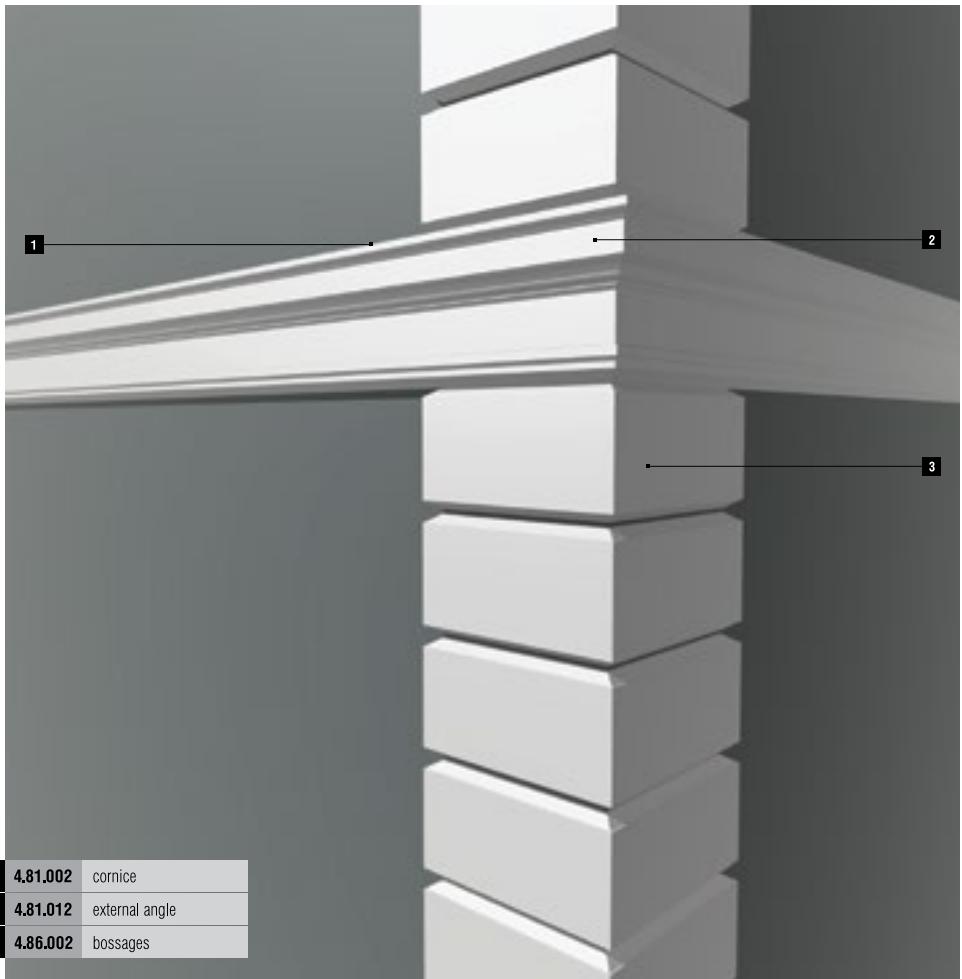
## facade mouldings



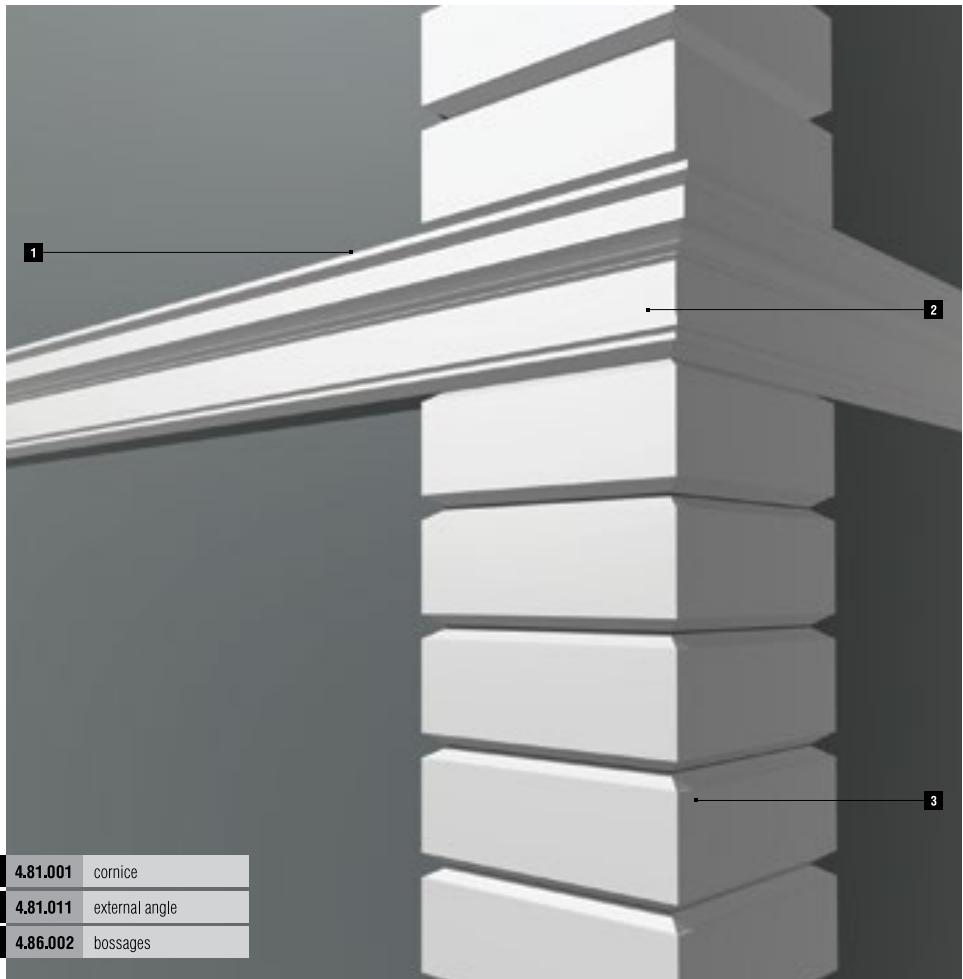


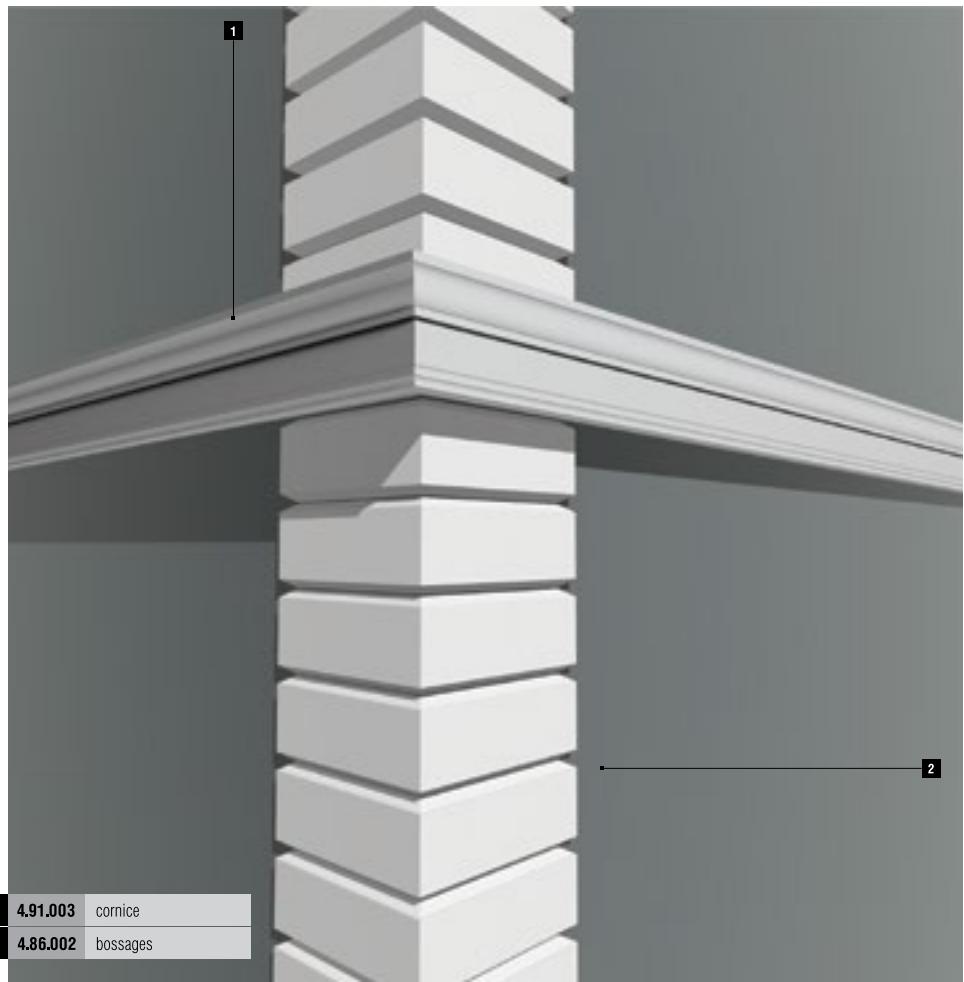
## facade mouldings



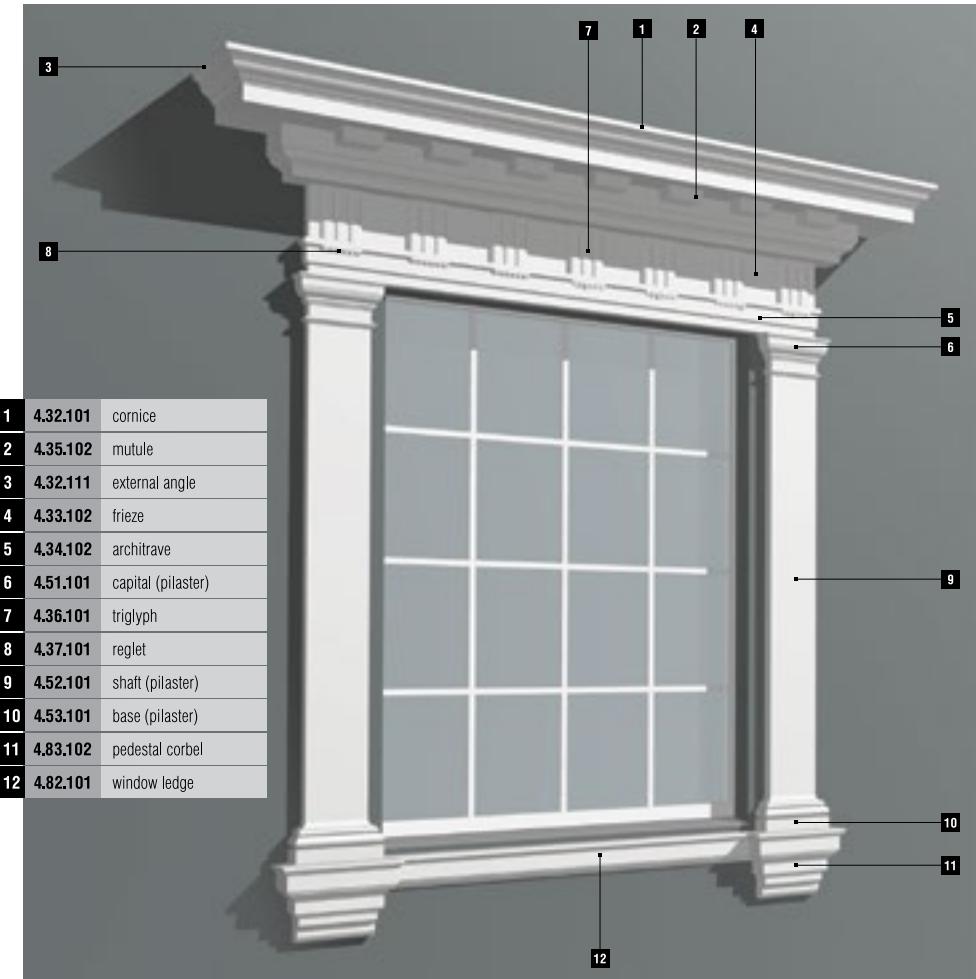


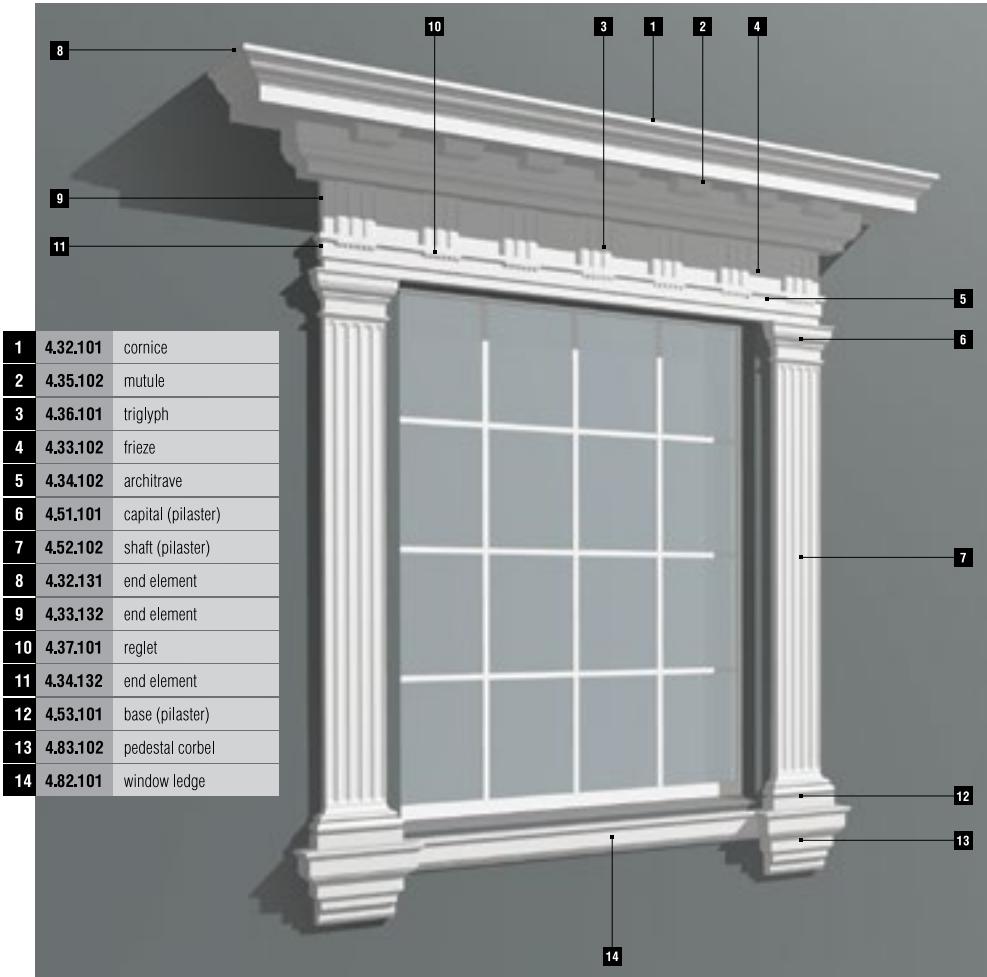
## facade mouldings



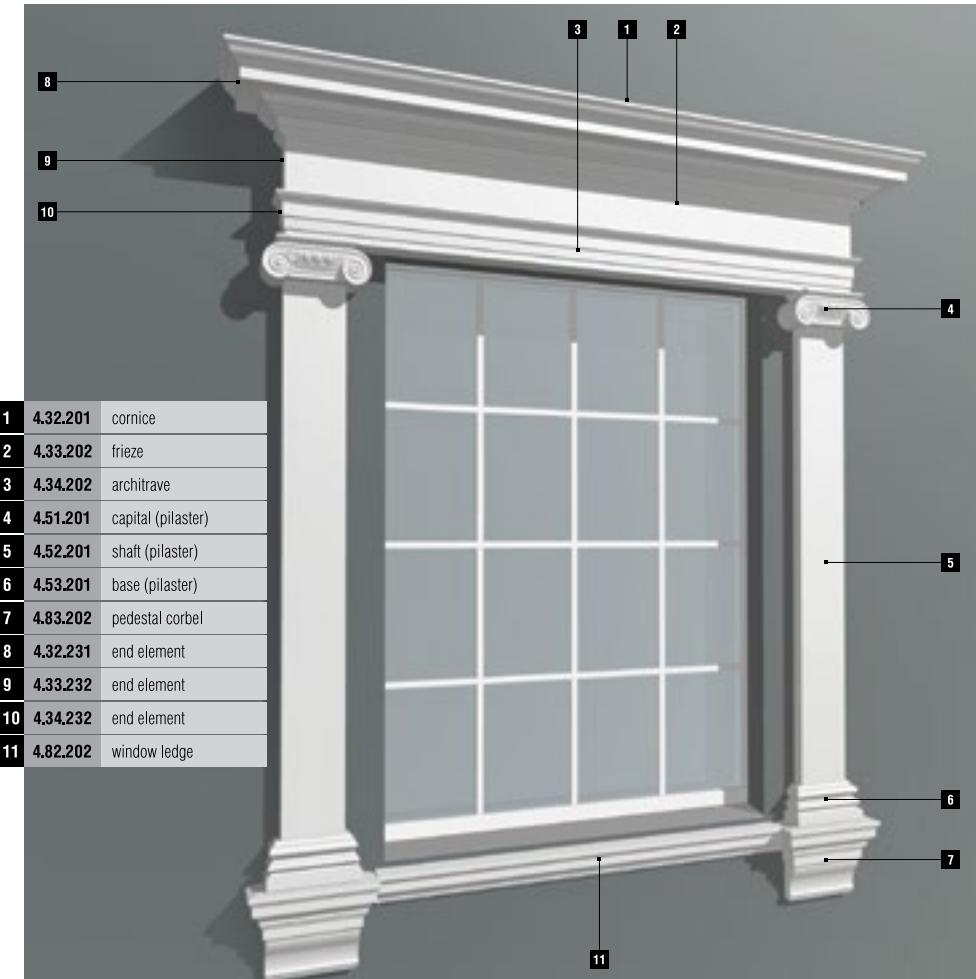


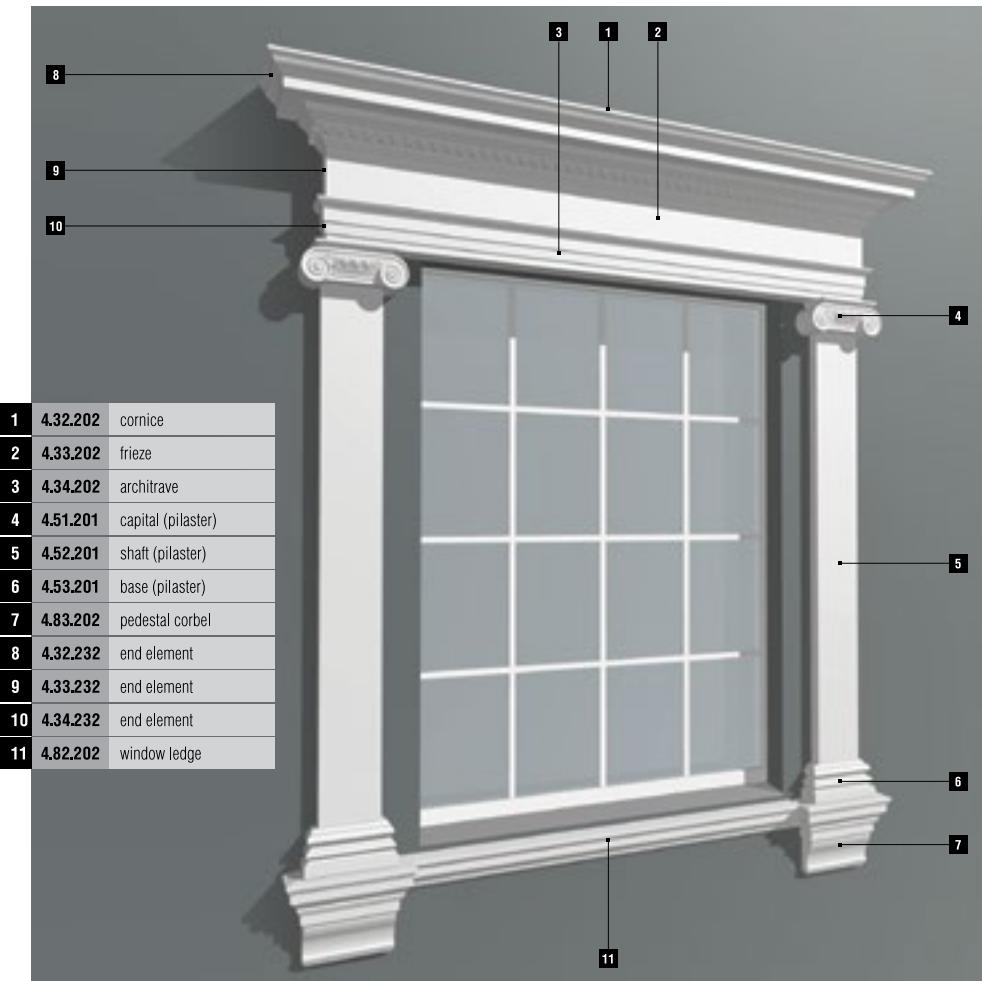
## windows with pilasters



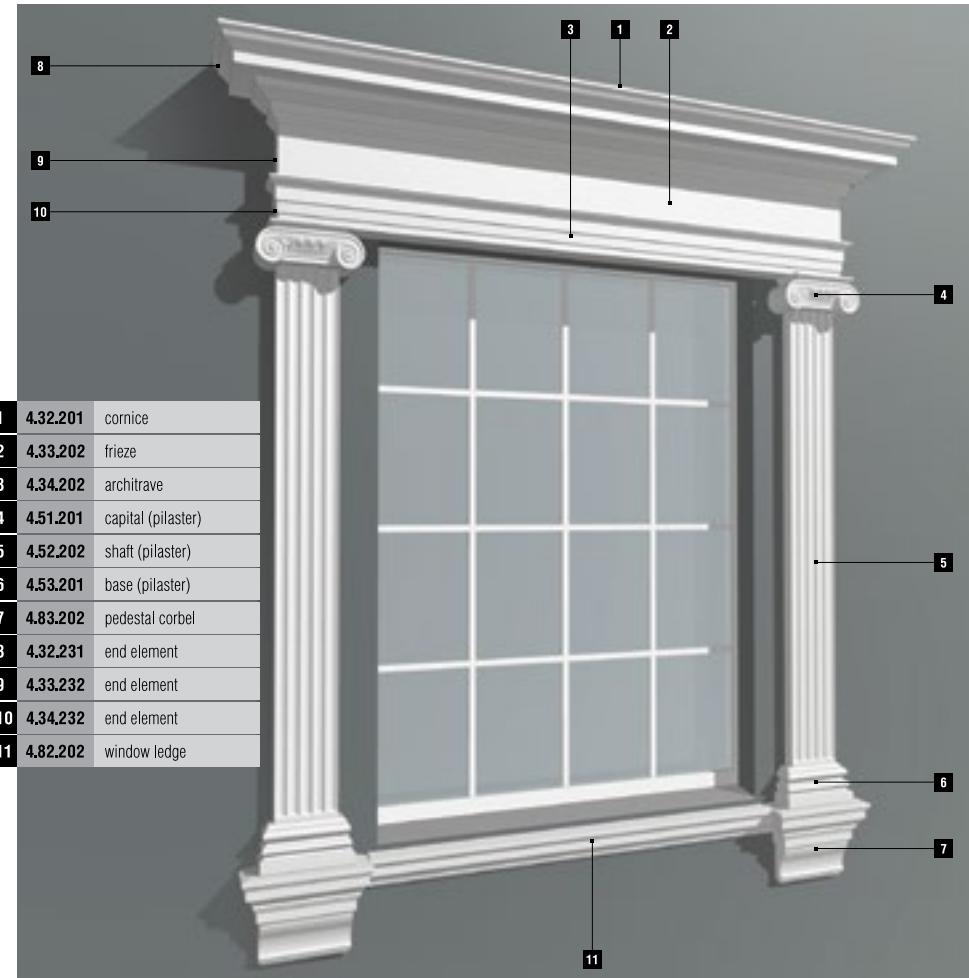


## windows with pilasters

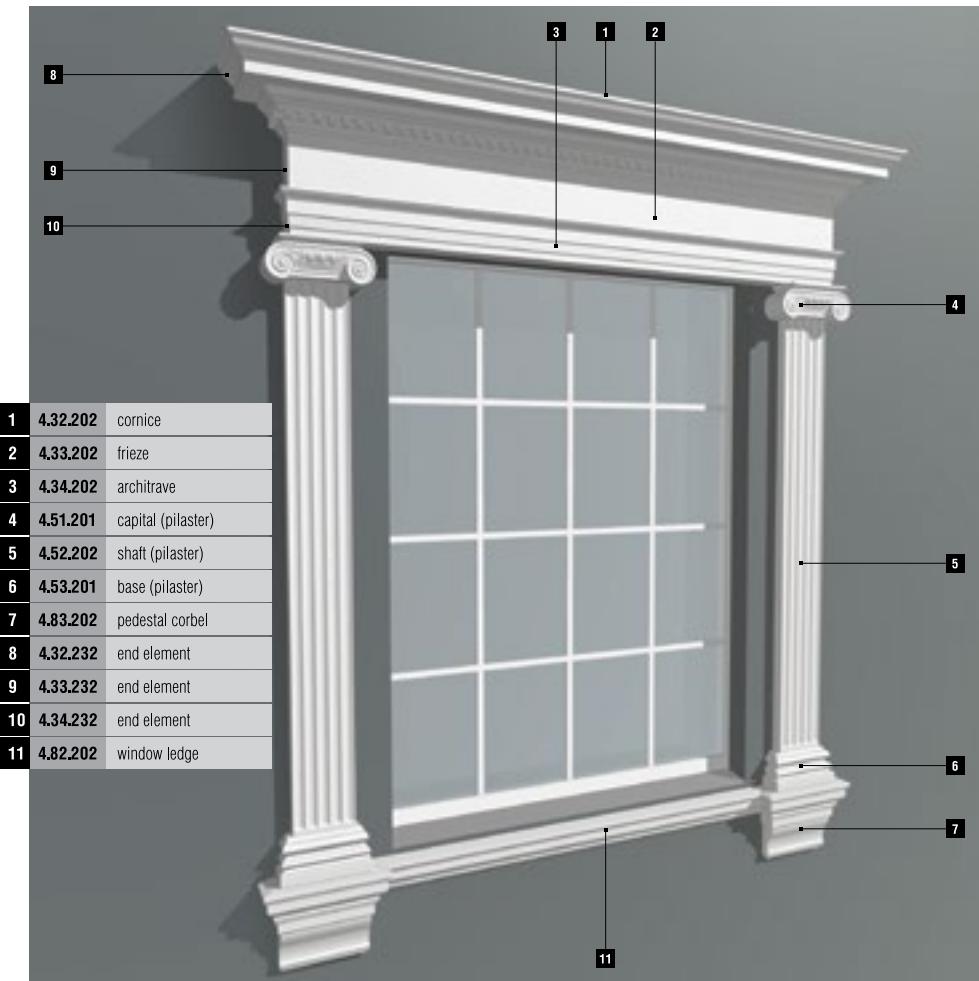




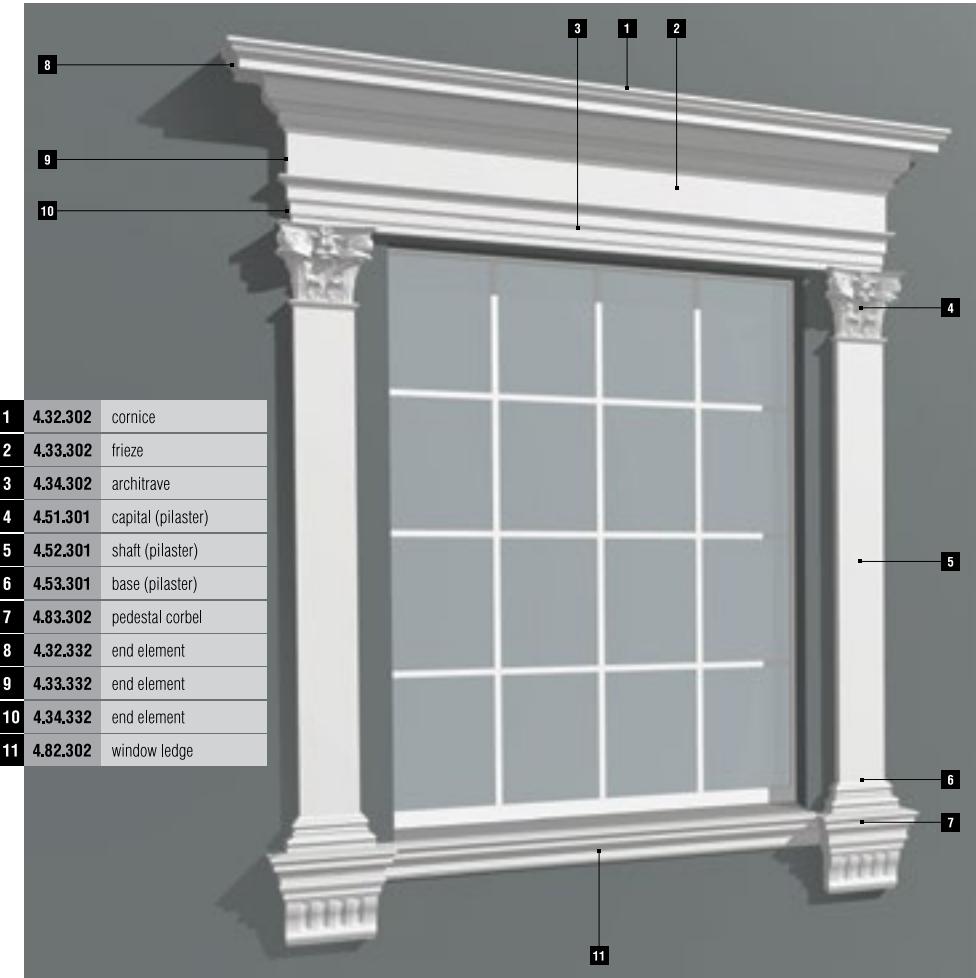
## windows with pilasters

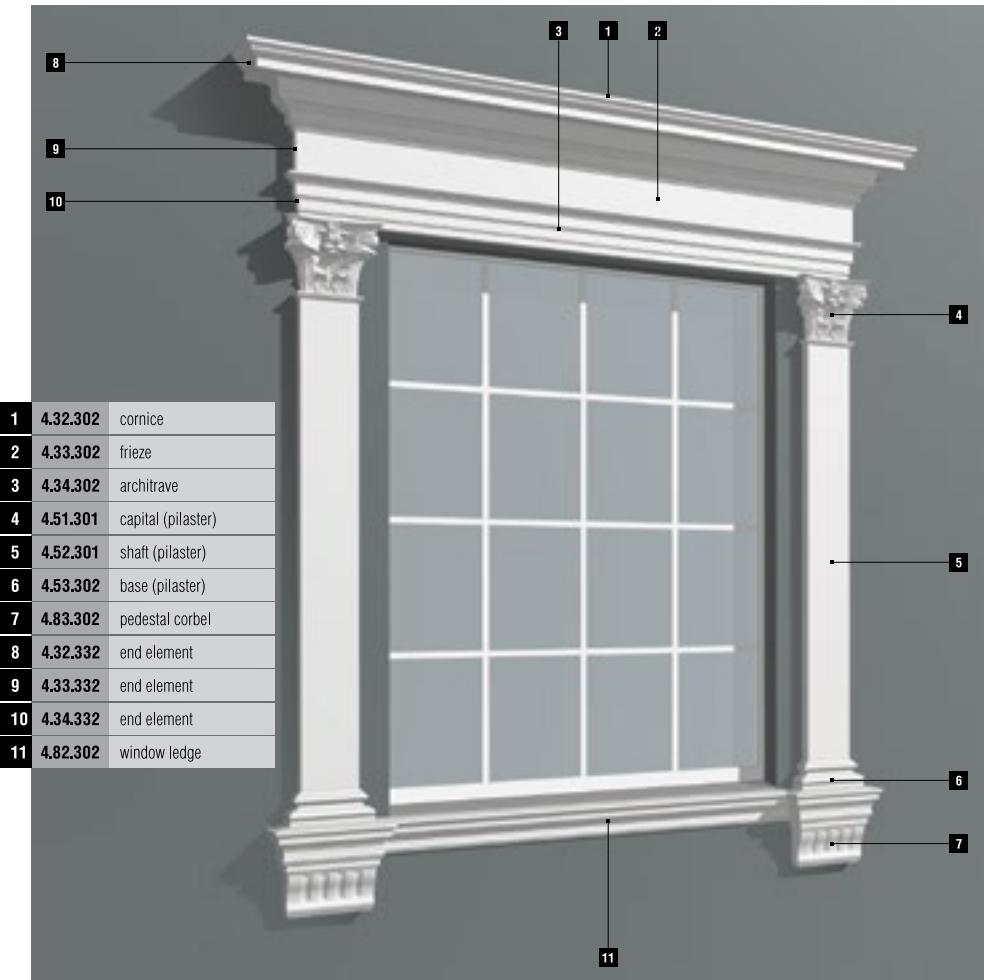


1	4.32.201	cornice
2	4.33.202	frieze
3	4.34.202	architrave
4	4.51.201	capital (pilaster)
5	4.52.202	shaft (pilaster)
6	4.53.201	base (pilaster)
7	4.83.202	pedestal corbel
8	4.32.231	end element
9	4.33.232	end element
10	4.34.232	end element
11	4.82.202	window ledge

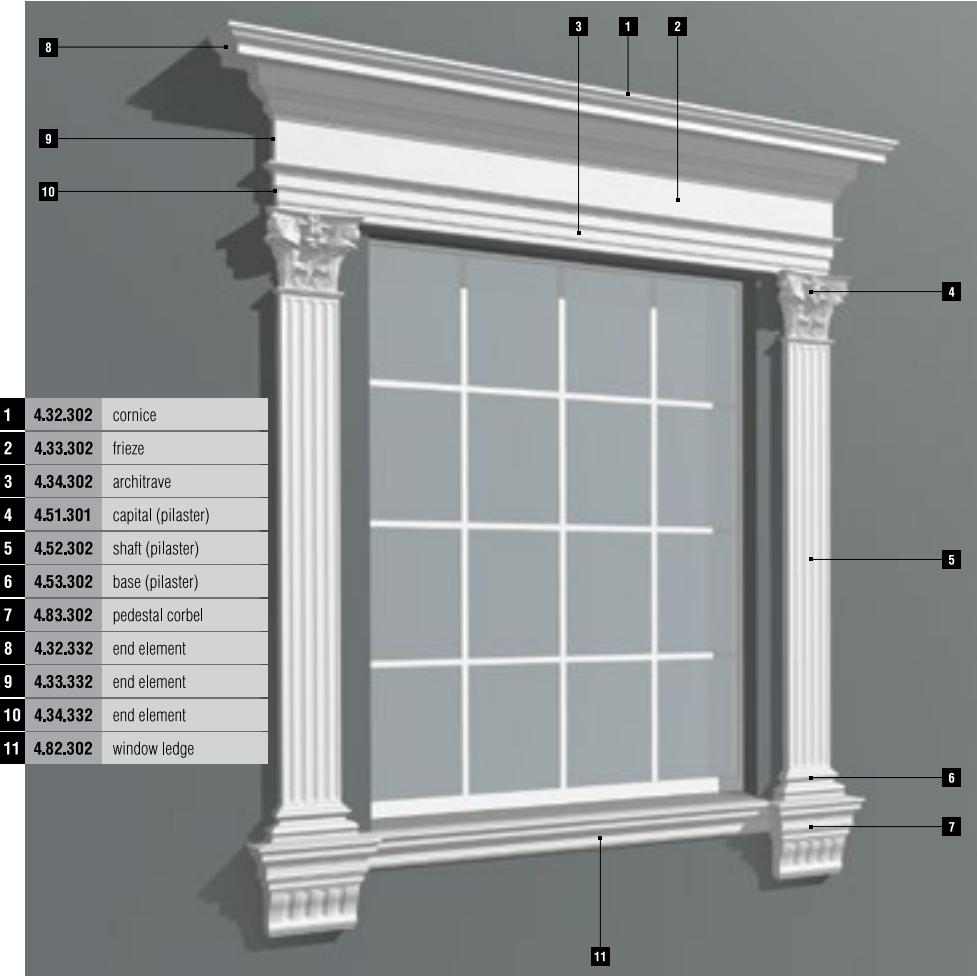


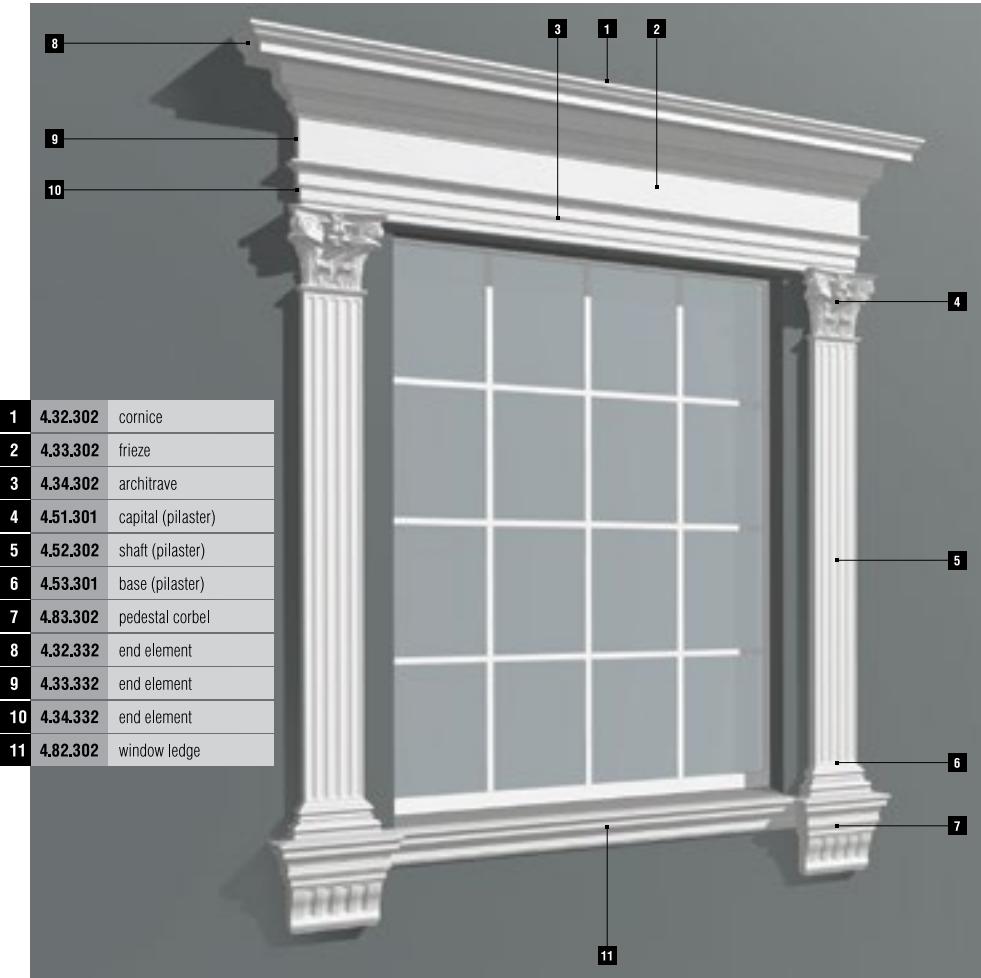
## windows with pilasters



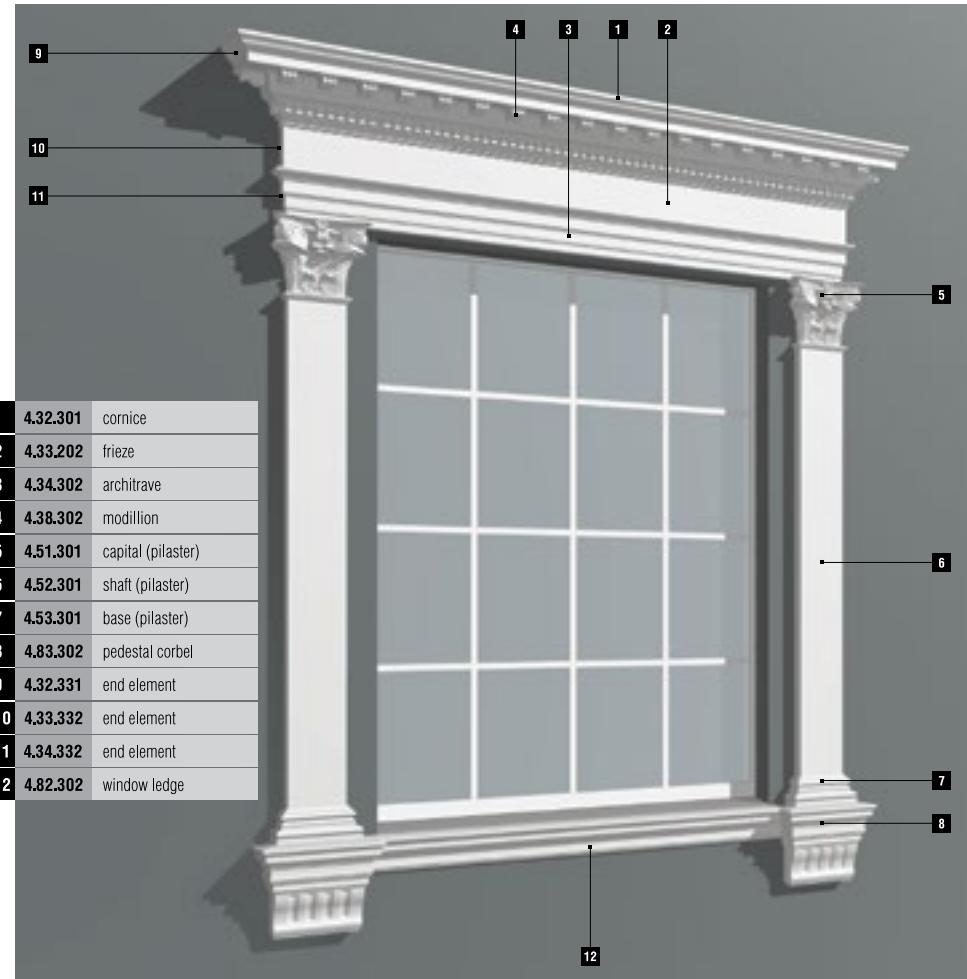


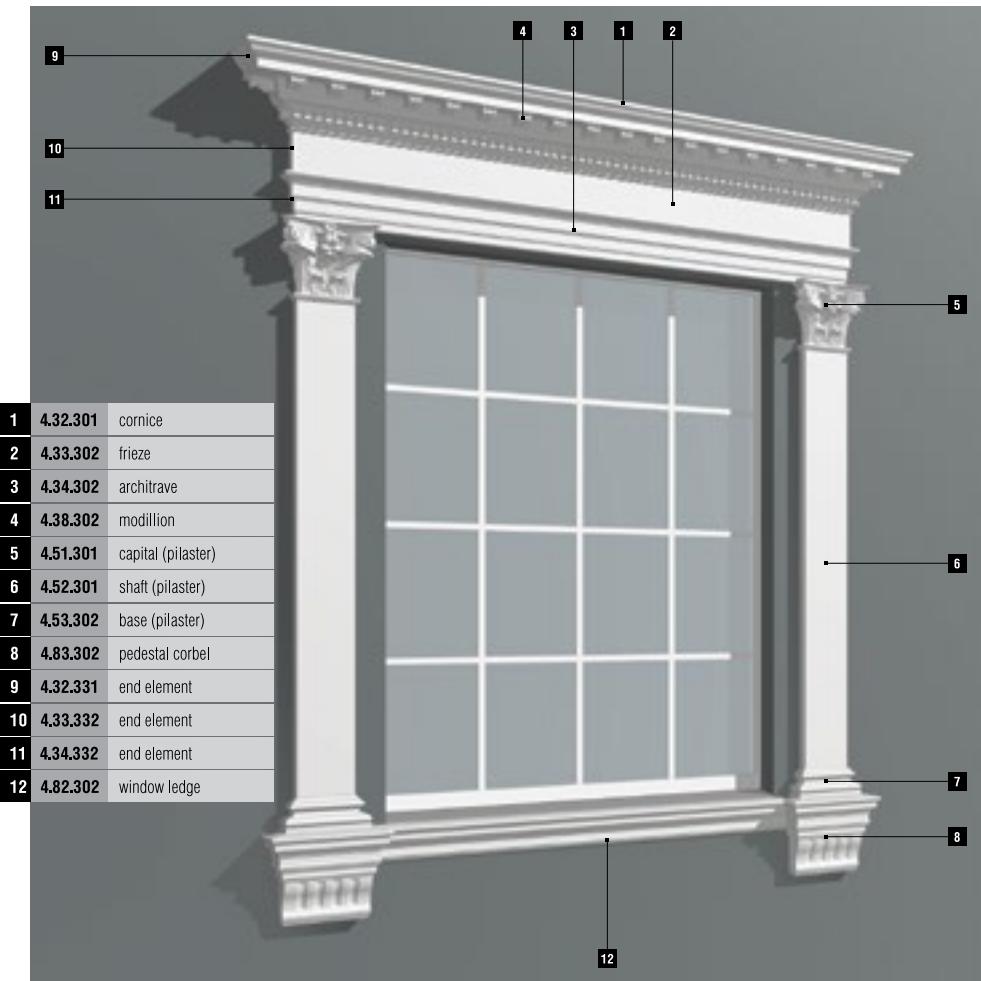
## windows with pilasters



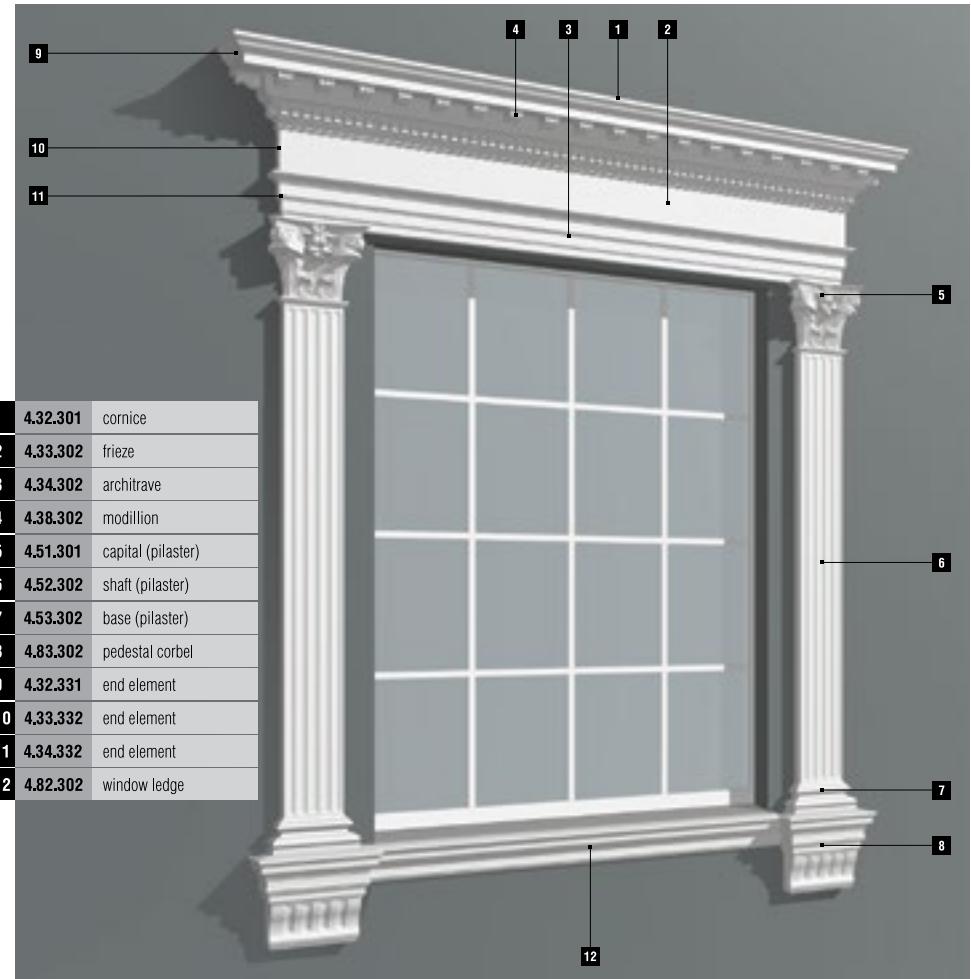


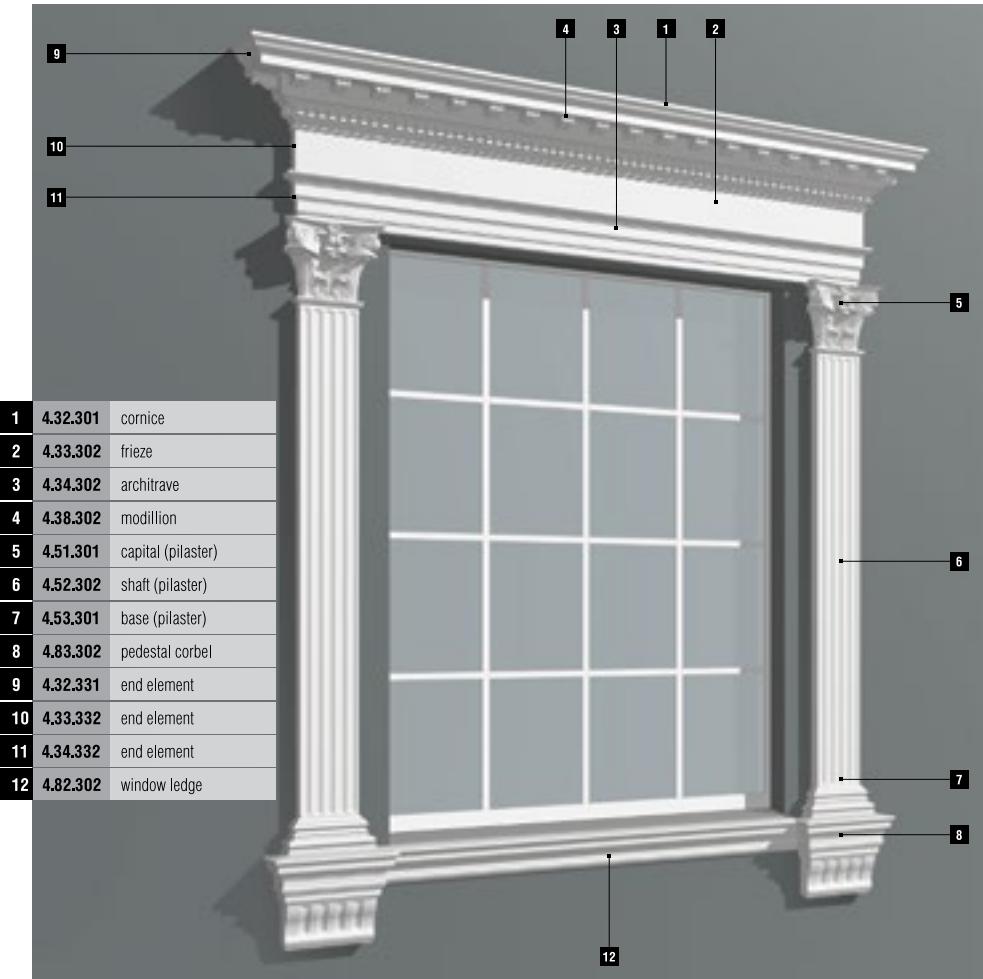
## windows with pilasters



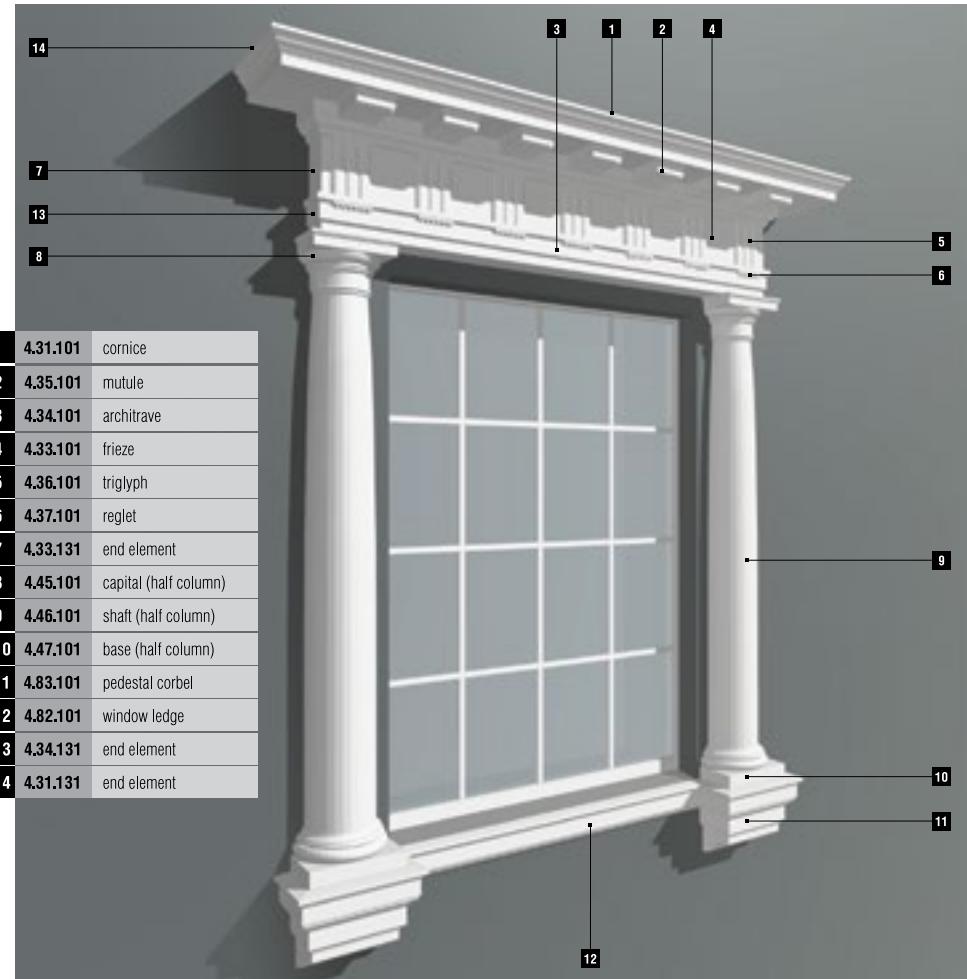


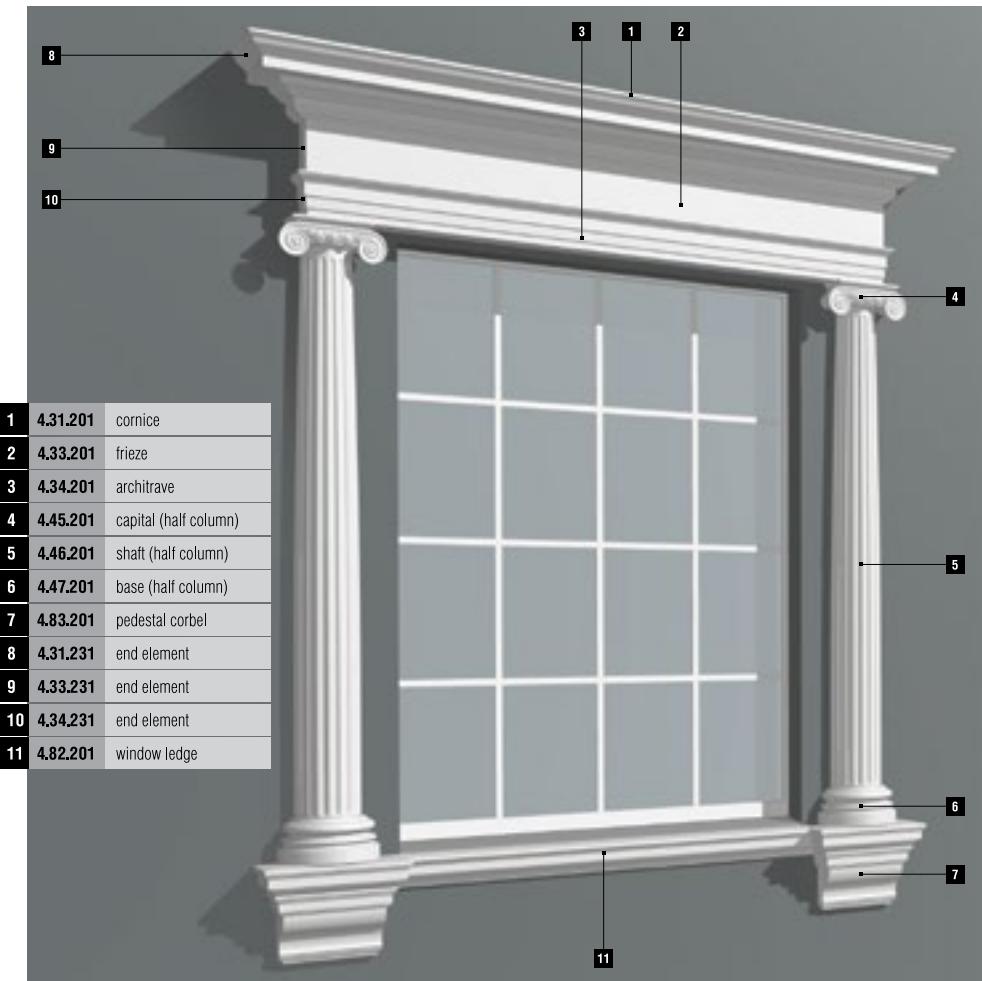
## windows with pilasters



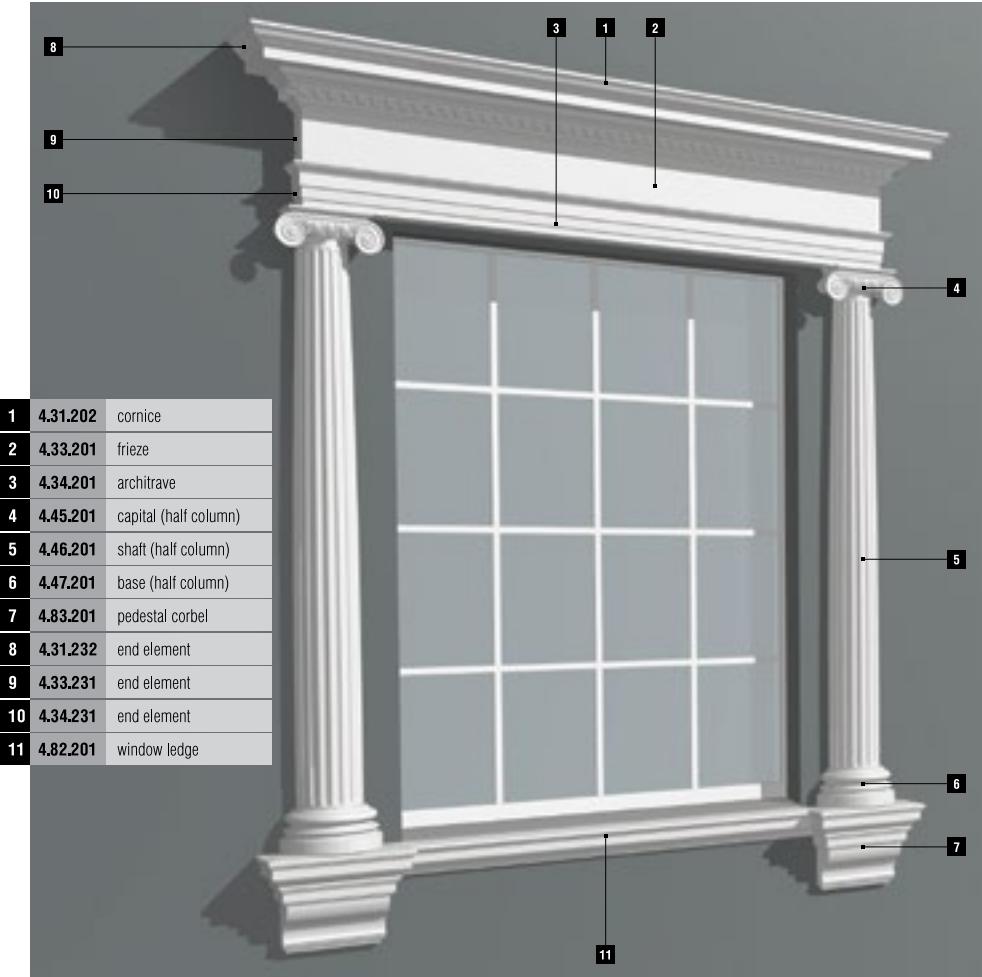


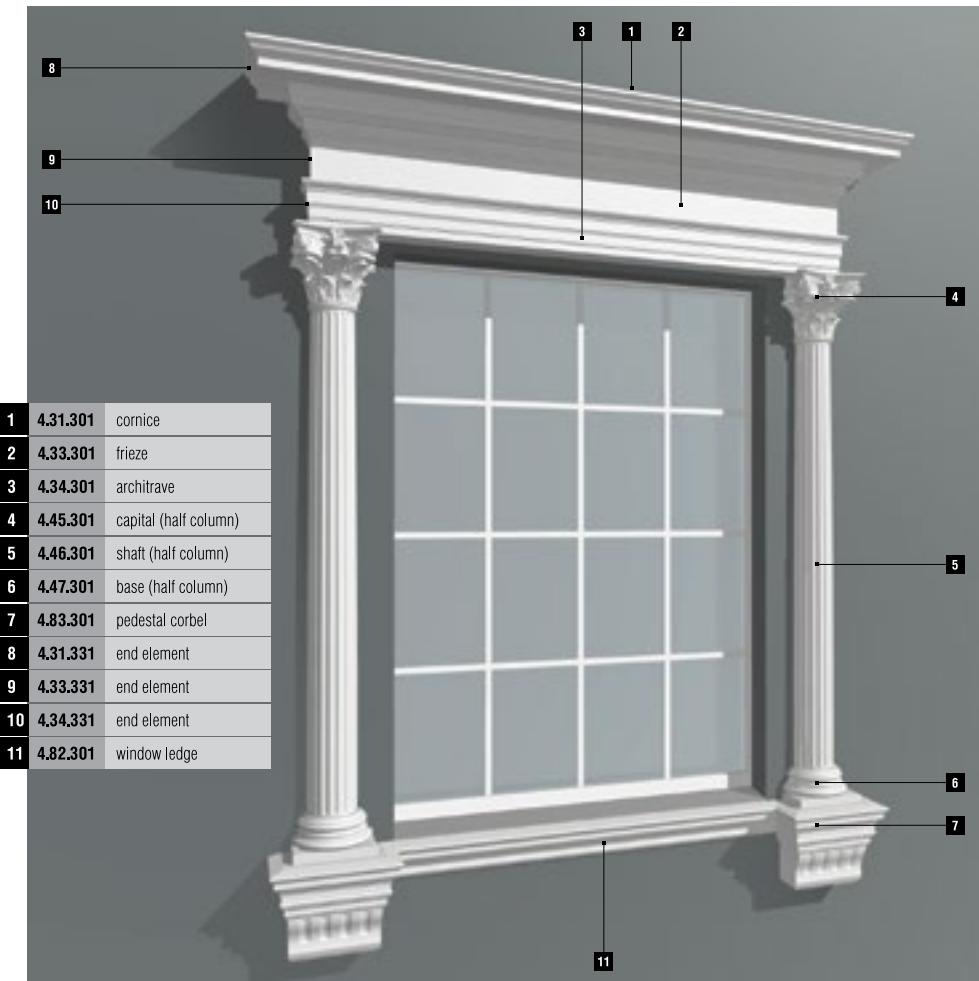
## windows with half columns





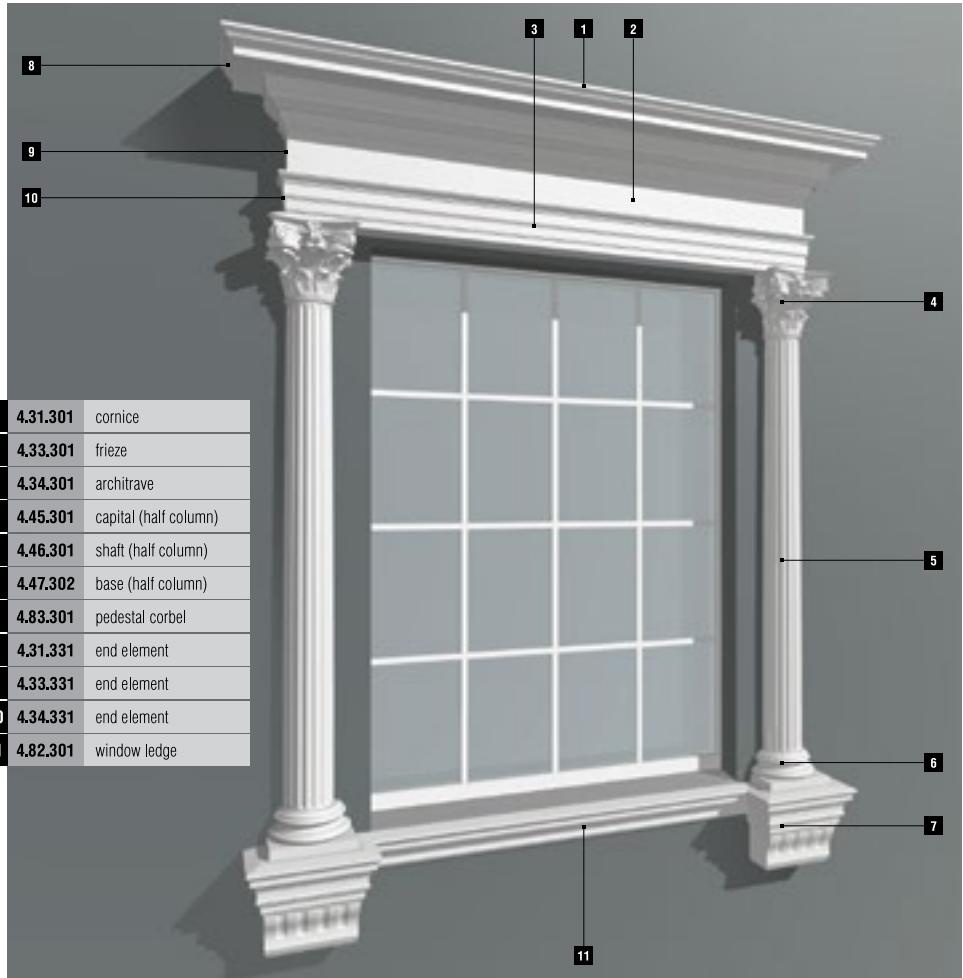
## windows with half columns

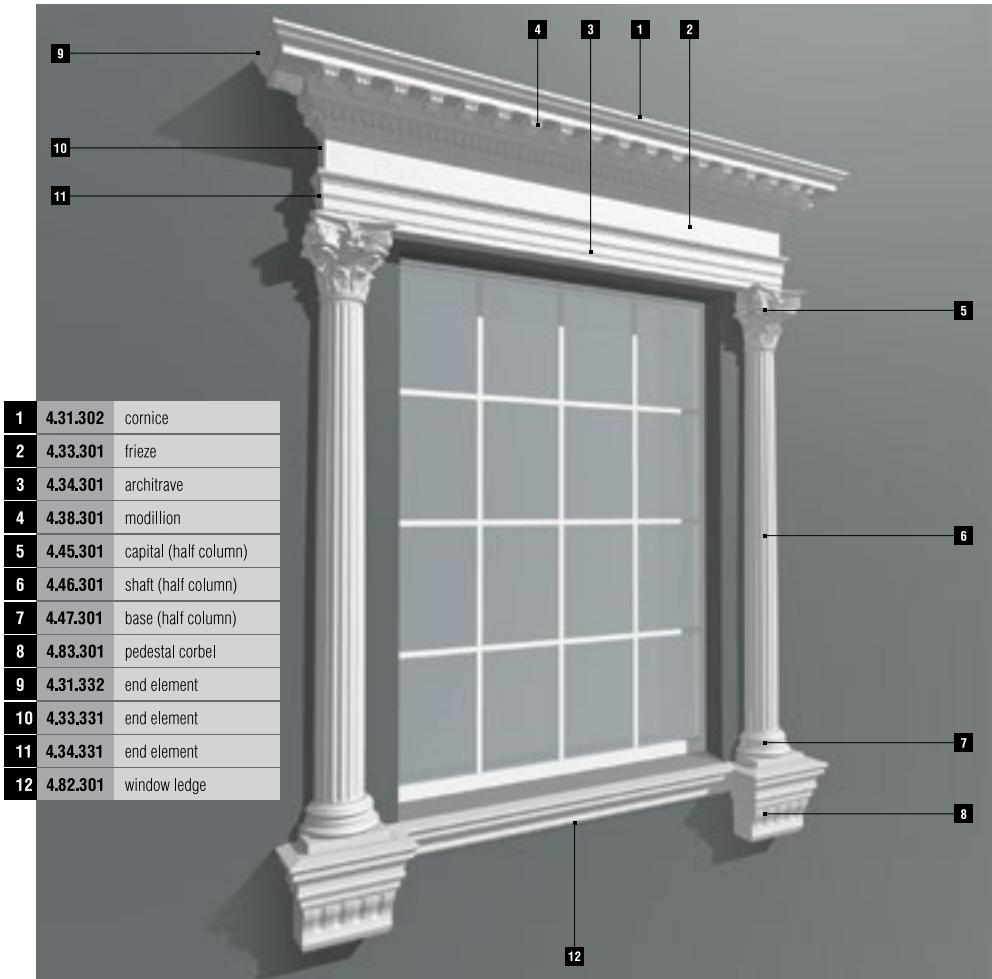




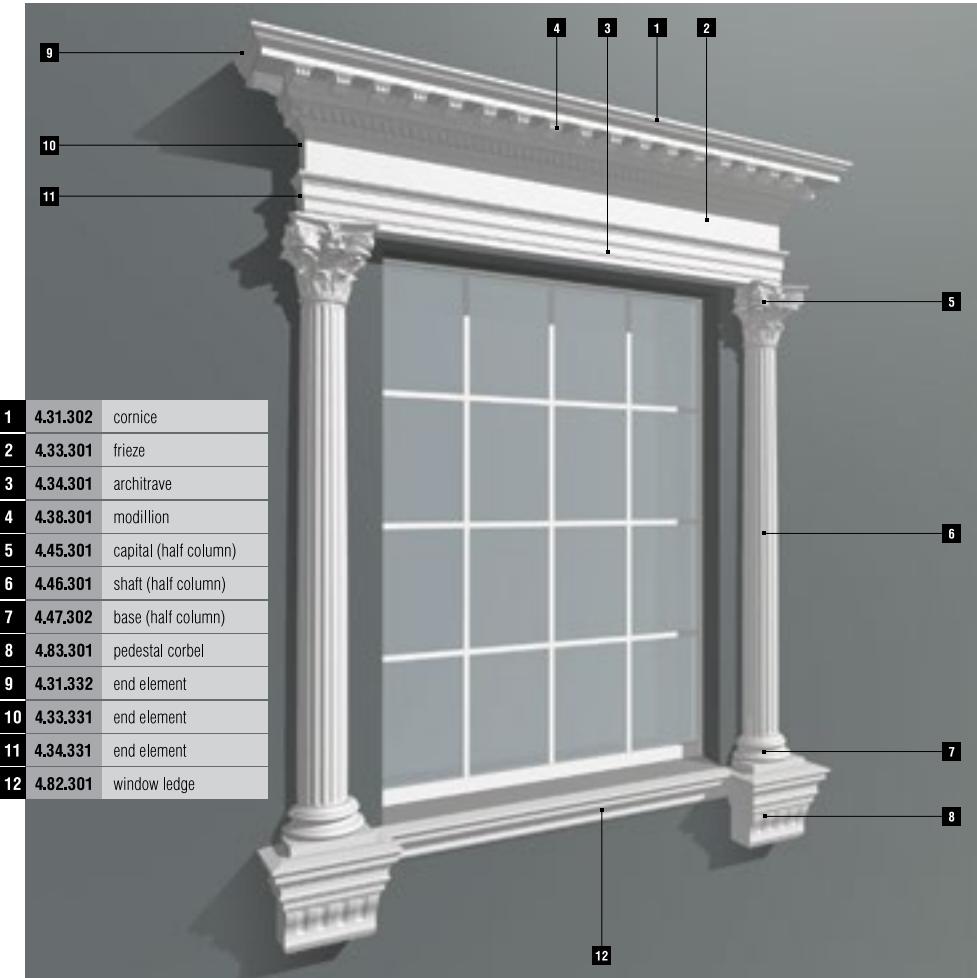
## windows with half columns

1	<b>4.31.301</b>	cornice
2	<b>4.33.301</b>	frieze
3	<b>4.34.301</b>	architrave
4	<b>4.45.301</b>	capital (half column)
5	<b>4.46.301</b>	shaft (half column)
6	<b>4.47.302</b>	base (half column)
7	<b>4.83.301</b>	pedestal corbel
8	<b>4.31.331</b>	end element
9	<b>4.33.331</b>	end element
10	<b>4.34.331</b>	end element
11	<b>4.82.301</b>	window ledge



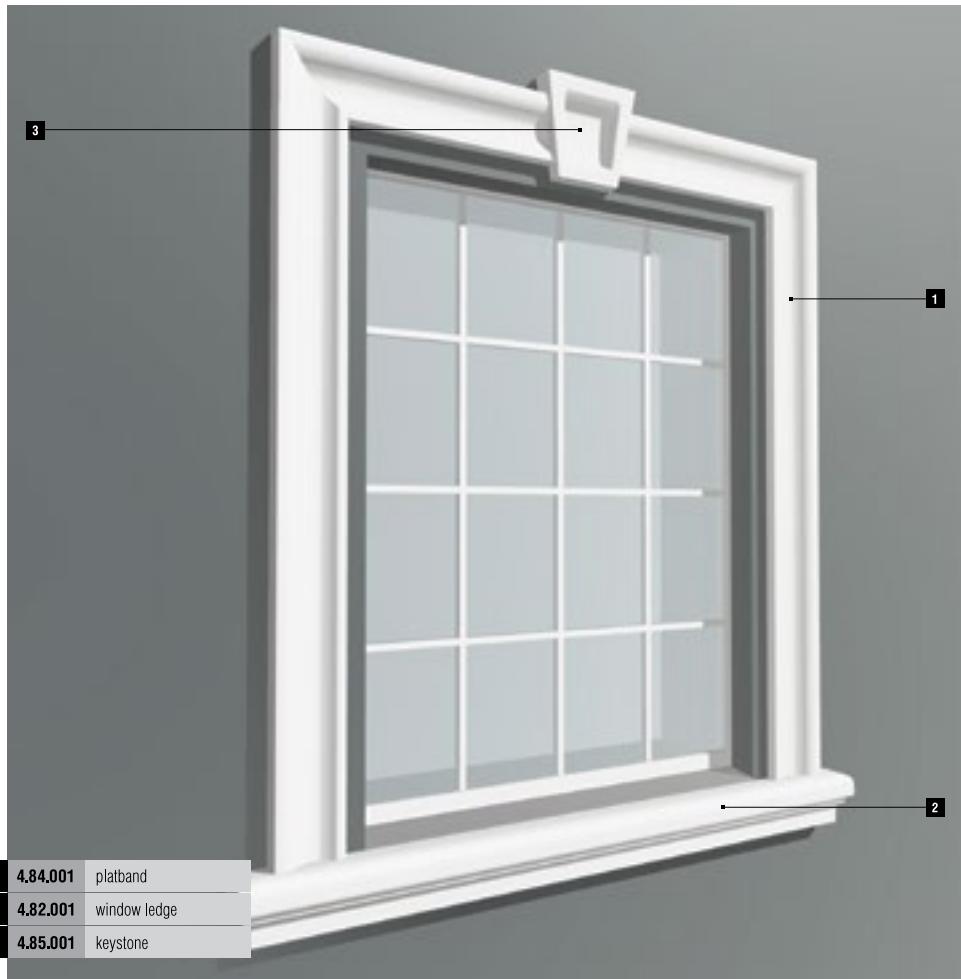


## windows with half columns



## windows with keystones

examples



## windows with keystones

1	4.84.002	platband
2	4.82.002	window ledge
3	4.85.002	keystone
4	4.83.002	corbel

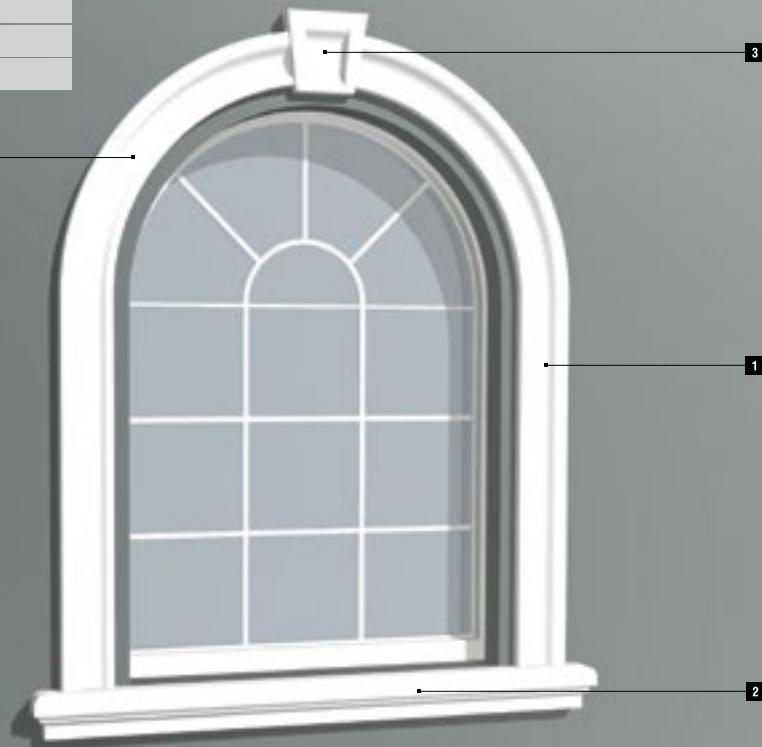


1	<b>4.84.003</b>	platband
2	<b>4.82.003</b>	window ledge
3	<b>4.85.003</b>	keystone
4	<b>4.83.003</b>	corbel



## windows with keystones

1	4.84.001	platband
2	4.82.001	window ledge
3	4.85.001	keystone
4	4.87.031	arch frame



1	<b>4.84.002</b>	platband
2	<b>4.82.002</b>	window ledge
3	<b>4.85.002</b>	keystone
4	<b>4.83.002</b>	corbel
5	<b>4.87.032</b>	arch frame



3

1

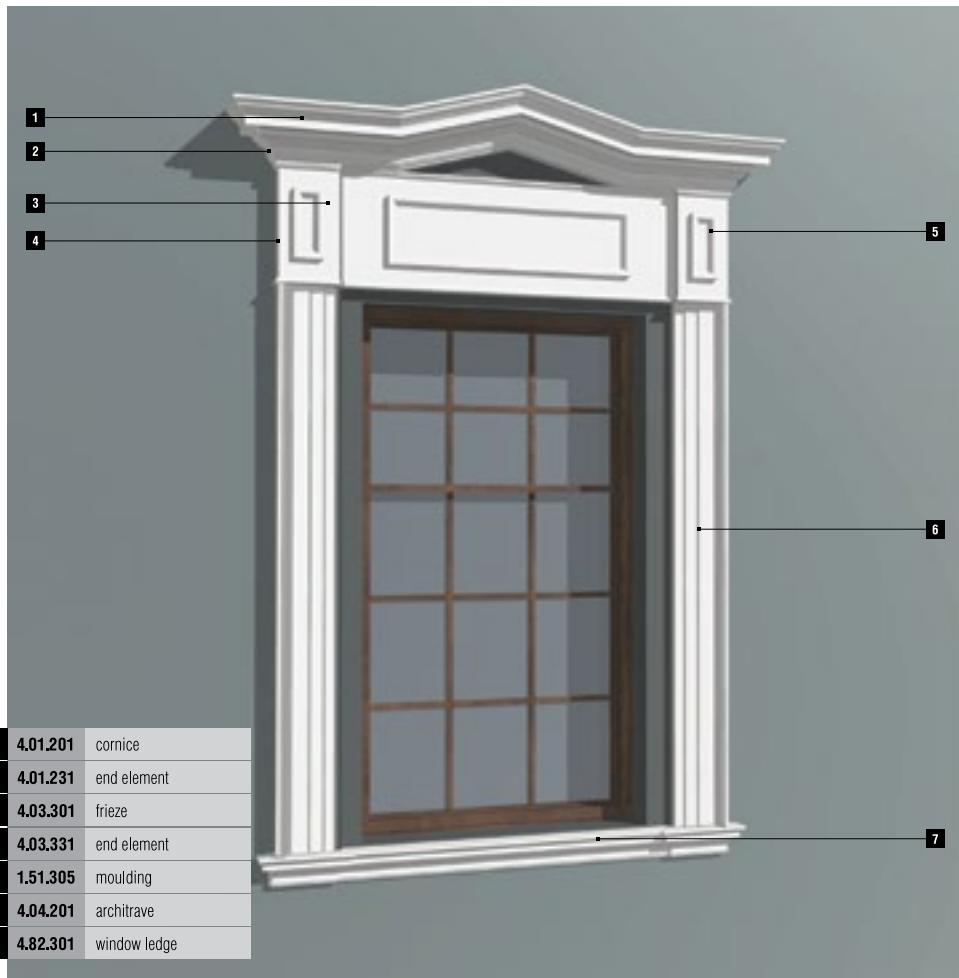
2

4

## windows with keystones

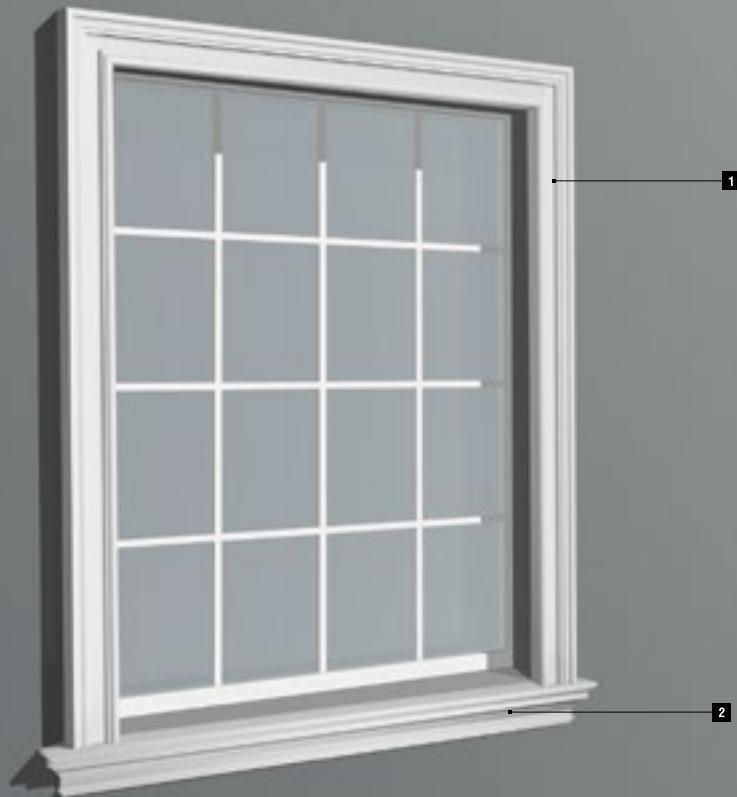
1	<b>4.84.003</b>	platband
2	<b>4.82.003</b>	window ledge
3	<b>4.85.003</b>	keystone
4	<b>4.83.003</b>	corbel
5	<b>4.87.033</b>	arch frame





## windows

1	<b>4.84.004</b>	platband
2	<b>4.82.302</b>	window ledge

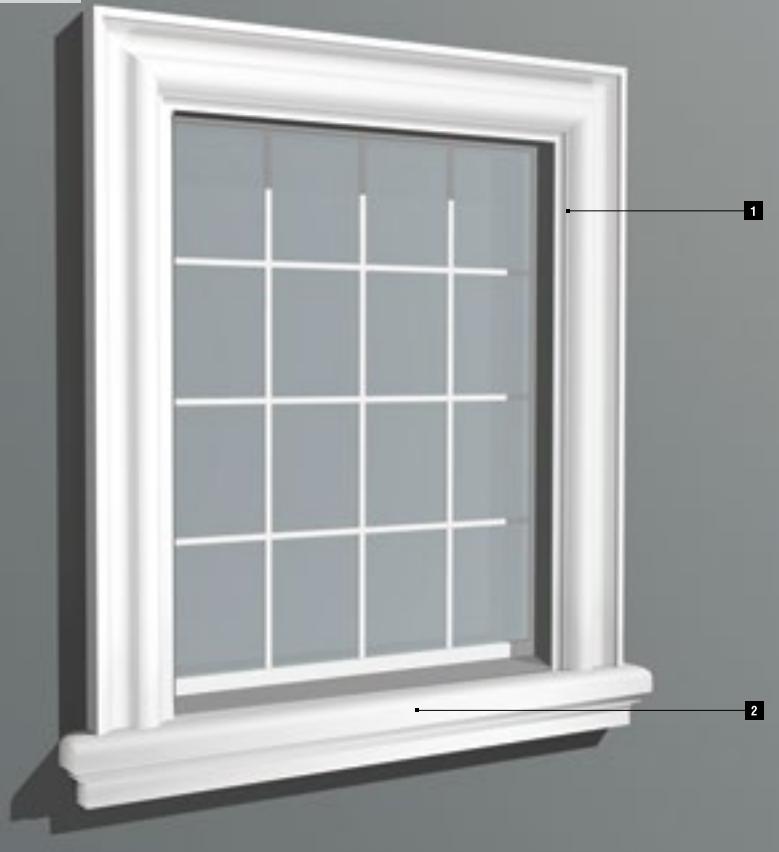


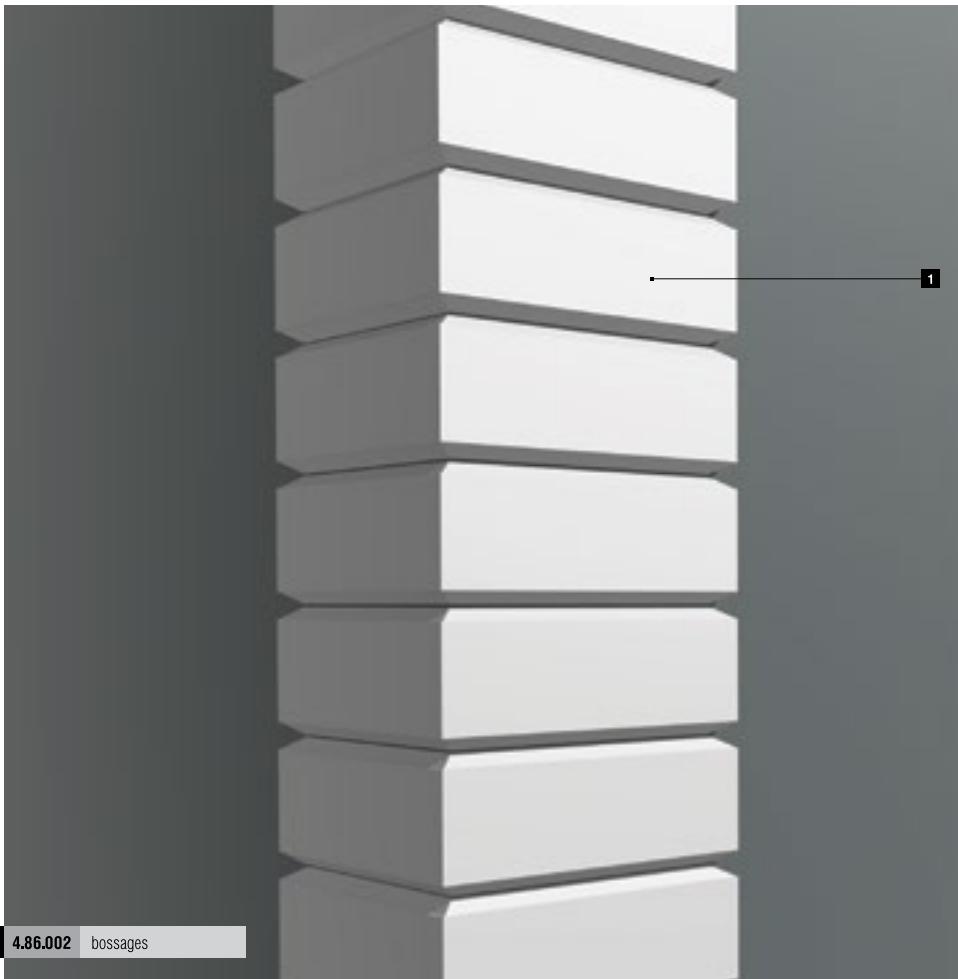
1	4.84.005	platband
2	4.82.201	window ledge



## windows

1	<b>4.84.006</b>	platband
2	<b>4.82.001</b>	window ledge



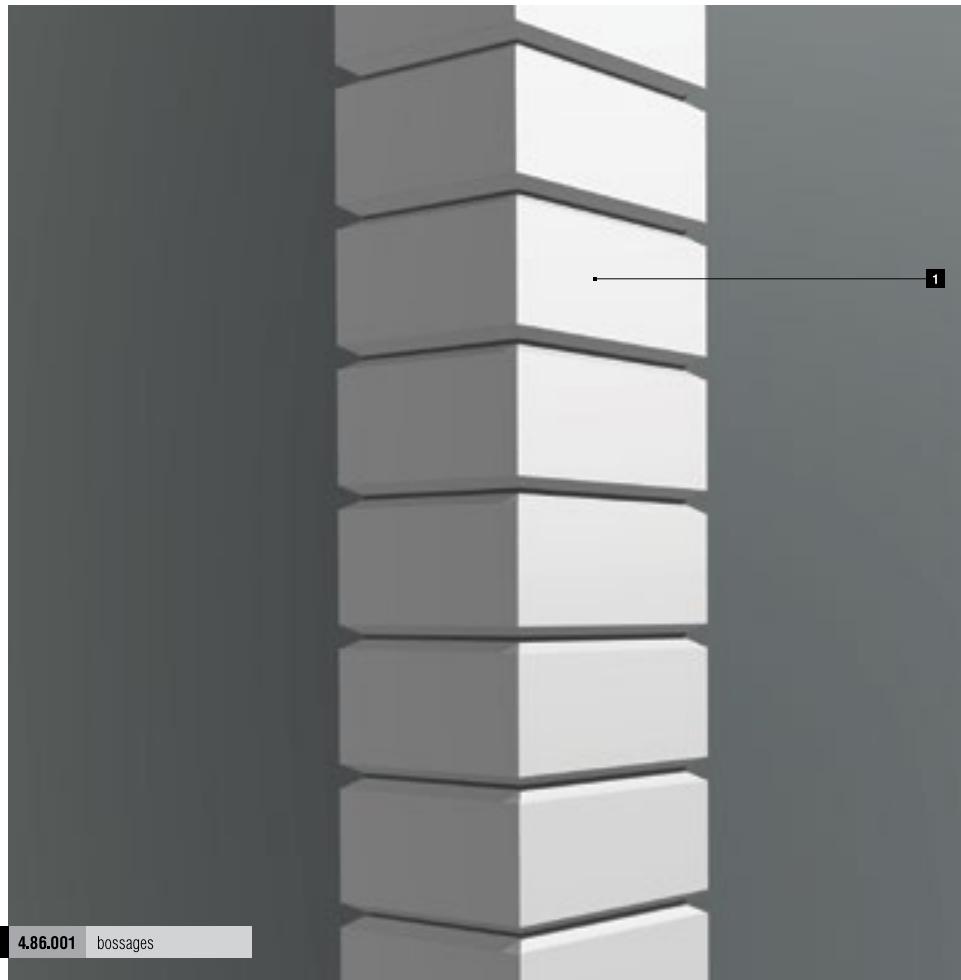


1

**4.86.002**

bossages

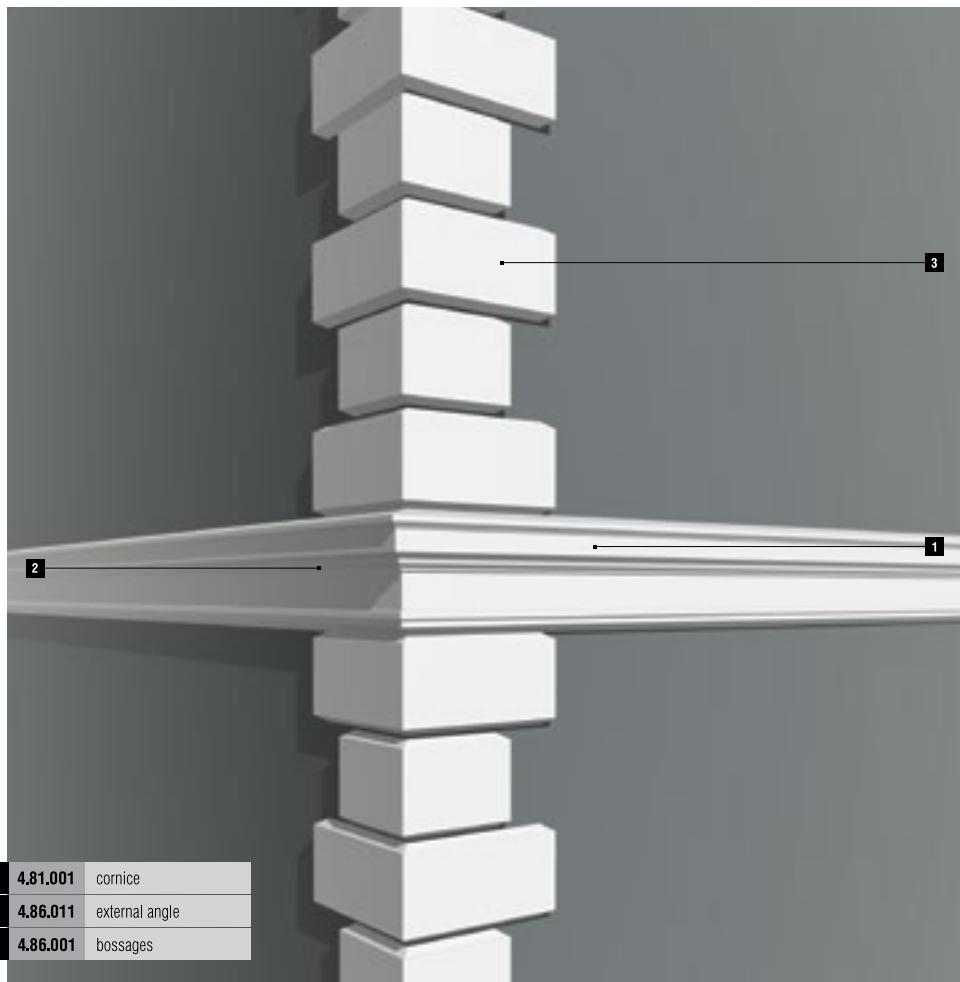
## bossages



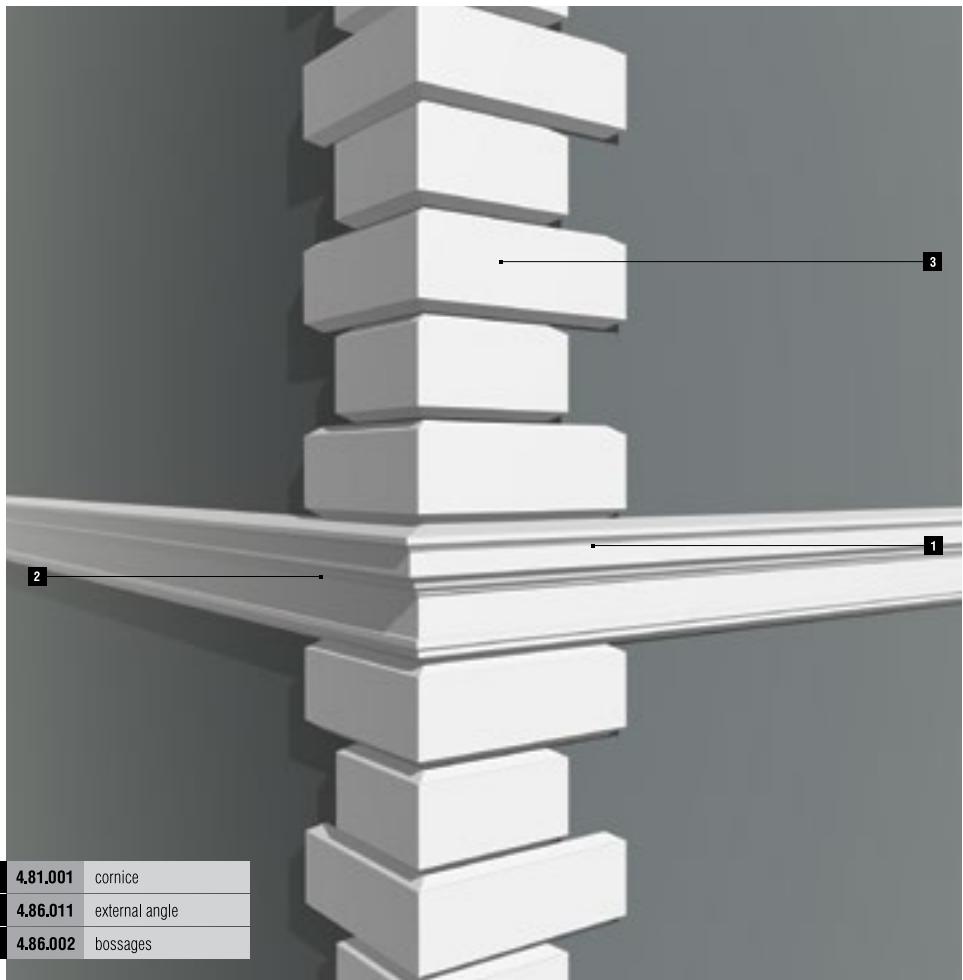
1

4.86.001

bossages



## bossages



## examples

examples



## examples



examples

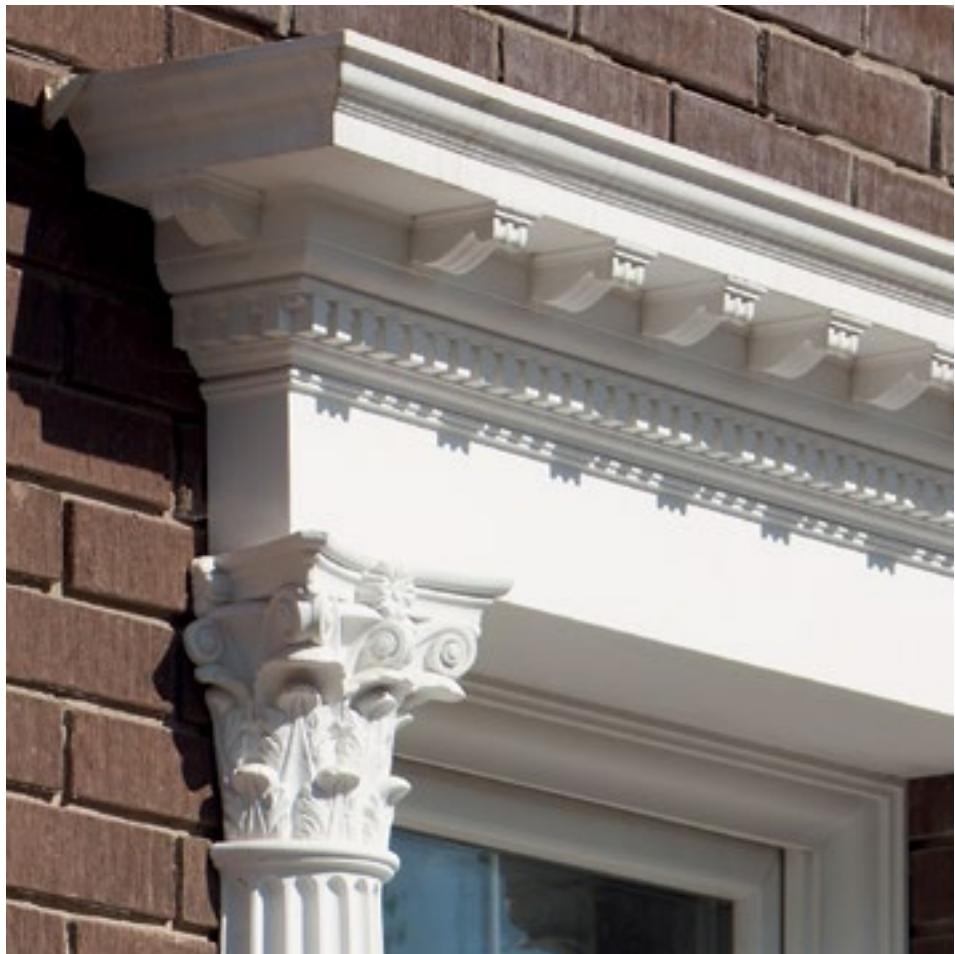


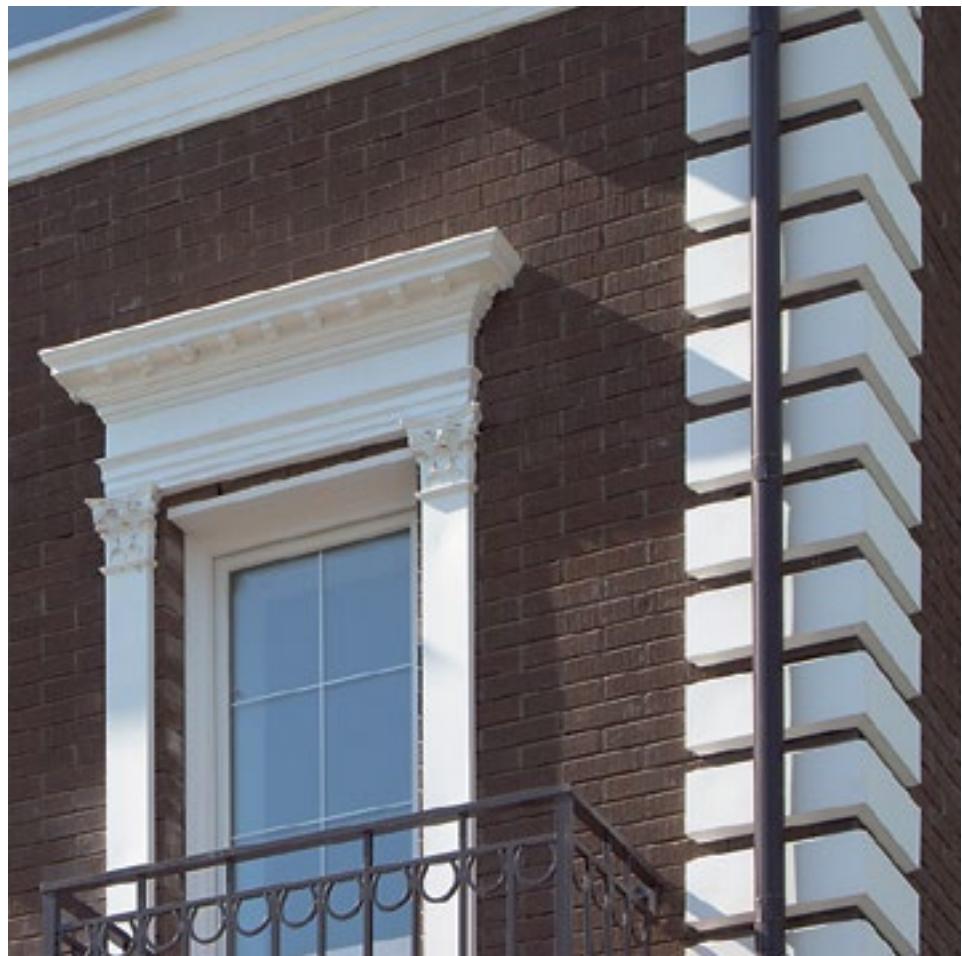
## examples





## examples





## examples





