

2005

english version 



JUNE 2005



ALUMINCO

railings  
catalogue

ALUMINCO

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ALUMINIUM EXTRUSION INDUSTRY

## company profile

**ALUMINCO** was established in 1982 and marked a new era in the aluminium production. Located in Inofita Industrial Zone – 40 km outside of Athens, it is ideally placed to serve the key markets of Europe as well as the Near and Far East.

From the beginning, the company's dedication was to combine tradition with modern technology. Due to the continuous efforts for perfecting quality and design, the company has been established as the leader in the cast aluminium sector with international recognition.

By using some of the most sophisticated casting equipment available, **ALUMINCO** has gained recognition in both the local and overseas markets.

**ALUMINCO** has also been awarded the **ISO 9001** as well as the **QUALICOAT** and **BUREAU VERITAS** quality certificates whilst the company's care for the environment has been accredited by the **ISO 14000**.

Today **ALUMINCO** products are distributed in more than **60 countries** all over the world, and its currently involved in big project both in Greece as well as overseas Keeping in mind the demand for quality products and having as a goal to be always ahead of these demands as well as developing a reliable customer service, the company has recently completed a three year investment plan of a new 25.000 sq. m. plant and machinery.















### THE PRODUCT

**ALUMINCO** launched for the first time into the market, a new generation of cast aluminium products incorporating modern architectural requirements with classic design.

- In 1982 begins the production and marketing of a wide range of products such as cast aluminium railings, fences, gates and garden furniture.
- In 1984 the company extends its production with cast aluminum lighting posts, thus covering the needs of hotels, public areas and commercial centers.
- In 1990 for the first time in Greece, **ALUMINCO** introduces the first aluminum panels
- By 2000, five new series of panels are included in the panel range, the **pressed panels**, the **traditional panels**, the **traditional safety doors**, the **security doors**, and the **inox panels**. Each one an achievement of each own.
- In 2003, **ALUMINCO** extends its production in extrusion profiles and introduces a full range of aluminium profile systems, thus strengthening the position of the company in the market.  
Today and in the future **ALUMINCO** will continue to be a pioneer never failing to pursue high quality and service credibility.



## index

PAGE	2 - 3		Profile Company - Index
PAGE	4 - 5		Certificate - Static and Dynamic Tests
PAGE	6 - 9		Railing System - AVANT GARDE Stairs
PAGE	10- 13		Assembly method of AL-FLEX System
PAGE	14- 19		Railing System - AL-FLEX 55cm
PAGE	20-24		Railing System - AL-FLEX 65cm
PAGE	25-28		Railing System - AL-FLEX 75cm
PAGE	29-35		Railing System - AL-FLEX 85cm
PAGE	36-37		Assembly method of PSATHA System
PAGE	38-66		Railing System of PSATHA
PAGE	67		Fence from Railings system PSATHA
PAGE	68-69		Combination of FENCES
PAGE	70-73		Ways to measure and install Rails & Gates
PAGE	74-75		Columns - Pergola

# static tests

BVLPR 924.037

OBJECTIVE: Tests on Railings according to the French Standard NF PO 1-0 13/1985

## 1. Static horizontal outward test.

Test phase	Deformation in mm				Standard NF PO 1-0 13
	Pos. 1	Pos. 1	Pos. 1	Pos. 1	
Loading of 3 minutes	3	13	15	a2	
Loading of 15 minutes	4	22	23	3	
Remaining deformation	0,3	0,5	0,6	0,1	<8mm

## 2. Static horizontal inwards test. Deformation after 1 min loading=4,6mm.

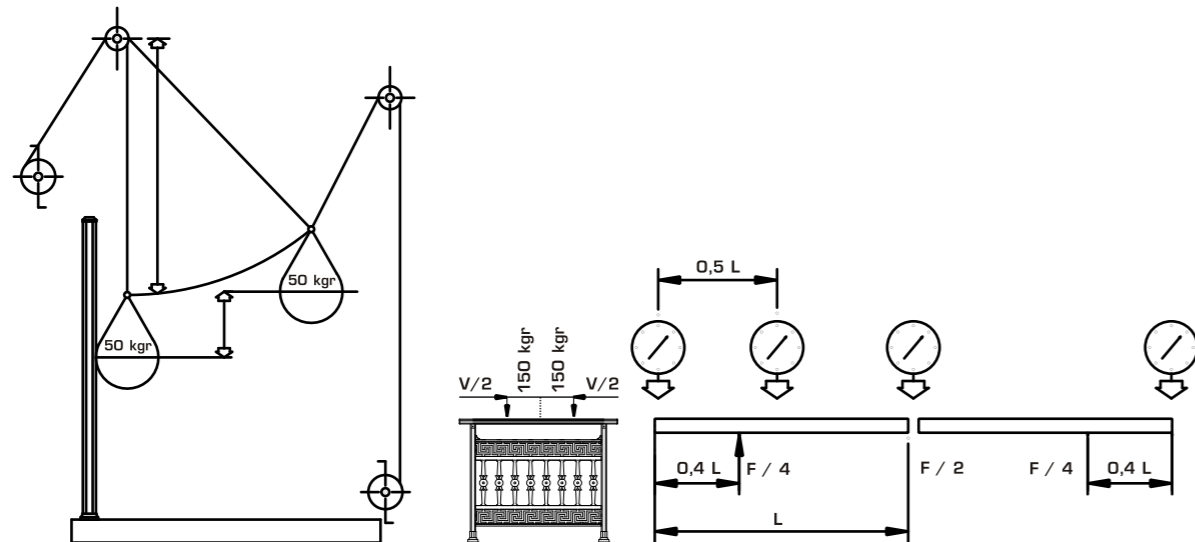
Remaining deformation = 0.  
Allowed (NF PO 1-13) = < 3 mm.

## 3. Static vertical test.

Remaining deformation = 0  
Allowed (NF PO 1-13) = < 3 mm.

# dynamic tests

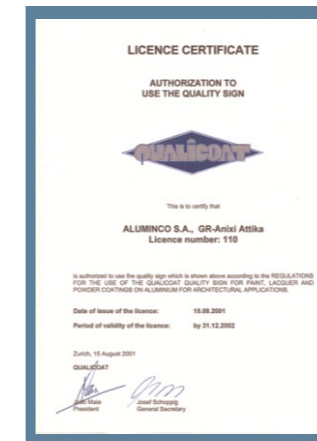
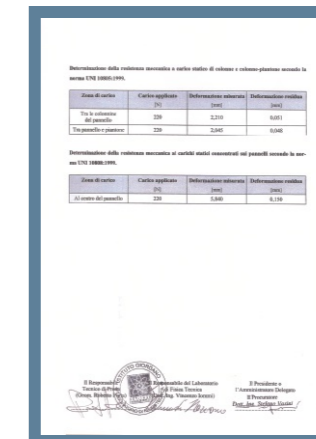
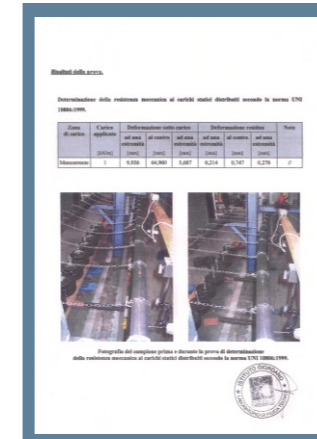
There was no fall of debris to outside space.



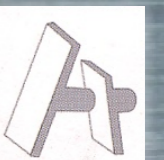
### Conclusions

From the above results on rails which were tested it is clear that these products satisfy the French's Standards NF PO 1-0 13 in rails for private and public use.

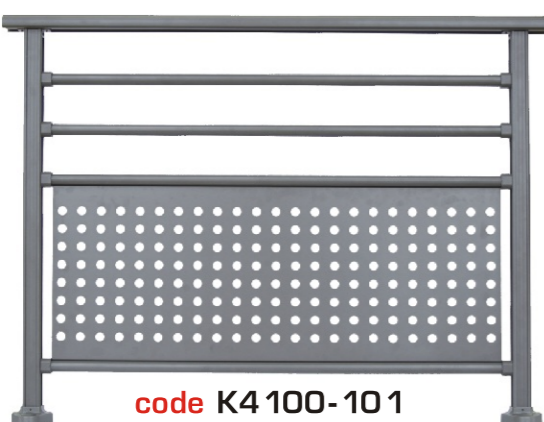
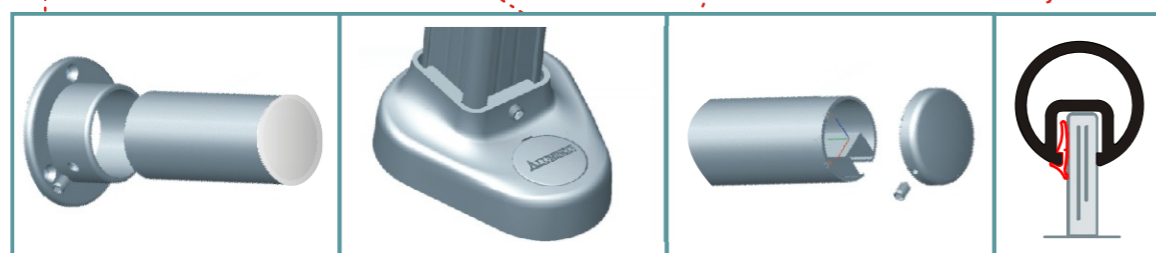
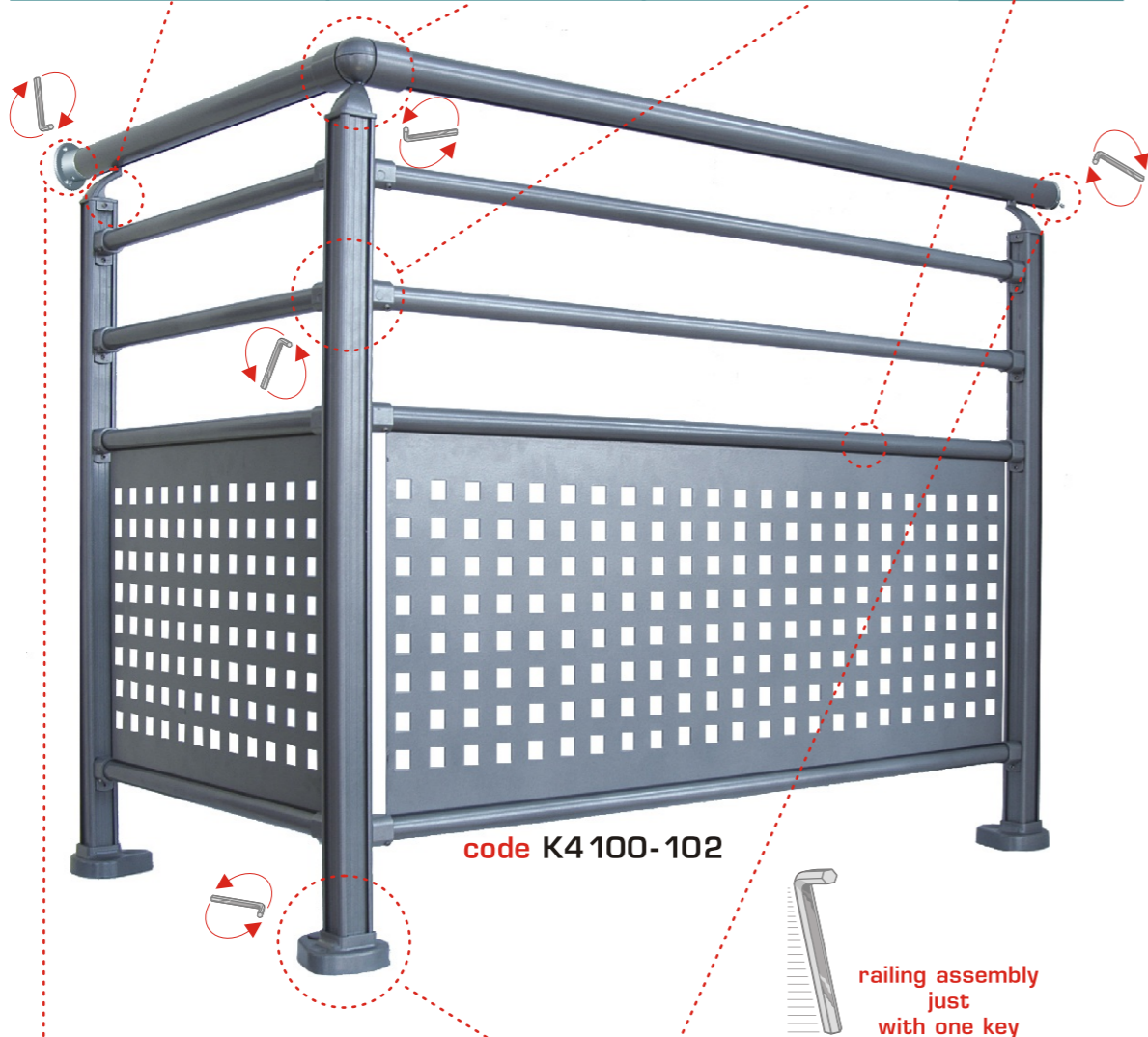
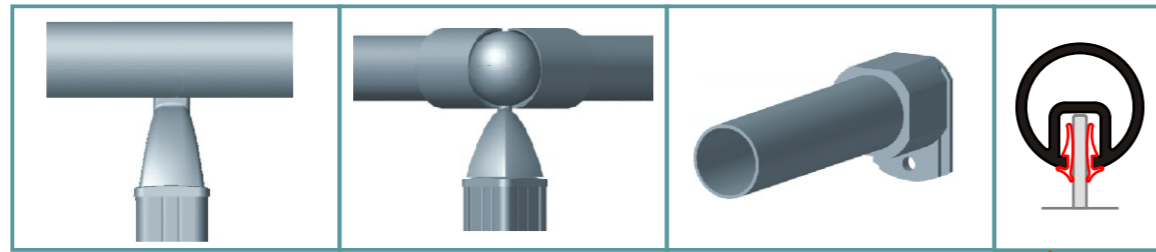
# certificates



Railings assays have been made under Florida conditions, which are meant to be the hardest weather conditions of wind, strong rain, humidity and radiation towards the sun.



avant garde railing system

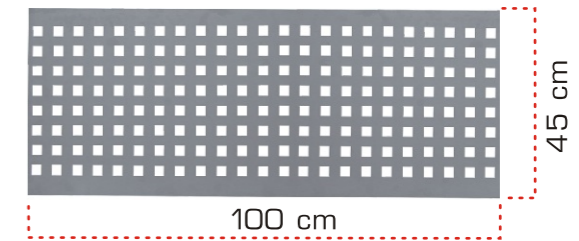
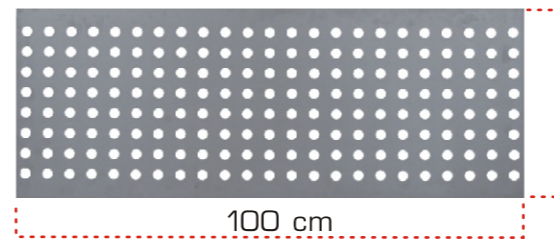


railing assembly just with one key

railing assembly just with one key

avant garde

avant garde railing system

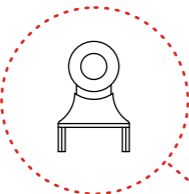


<p><b>code 920</b> Φ42 railtop</p>	<p><b>code 915</b> column</p>	<p><b>code 6-001</b> Φ26-horizontal profile.</p>
<p><b>code 904</b> for aluminium or inox sheet and composite panel 2 mm - 3 mm</p>	<p><b>code 905</b> Φ26-for triplex glass 6 mm.</p>	<p><b>code 4101</b> supporting foot for column 915</p>
<p><b>code 4160</b> column railtop attachment 920</p>	<p><b>code 4161</b> corner column railtop attachment for 920</p>	<p><b>code 4301</b> adjustable corner for railtop attachment 920</p>
<p><b>code 4202</b> column attachment for guide Φ26</p>	<p><b>code 4501</b> railtop cover for 920</p>	<p><b>code 4401</b> finishing of railtop 920</p>
<p><b>code 410-420</b> joint</p>		

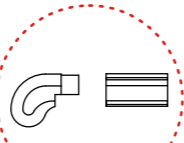
railing assembly just with one key

accessoires

code 4203  
column to railtop  
accessory



code 4406  
staircase finish



code 15  
railtop



code 4152 εξωτερικά πέλαμα για κολώνα 9 15 external feet for column 9 15



code 4151



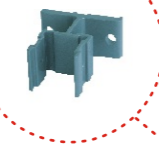
70mm

code 4150



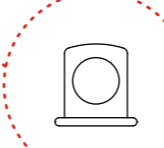
35mm

code 4150



35mm

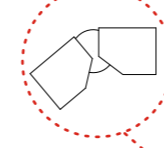
code 4205  
external attachment for guide  $\Phi$  16



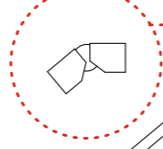
code 920  
 $\Phi$ 42 railtop



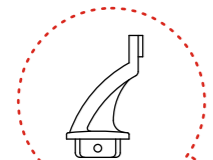
code 4301  
adjustable corner for railtop attachment 920



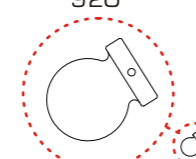
code 4302  
adjustable corner for column attachment  $\Phi$  16



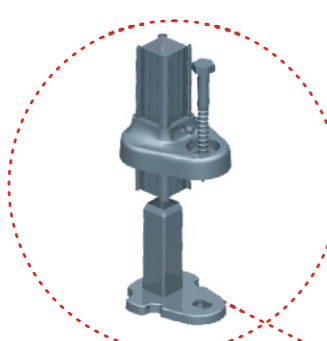
code 4160  
column railtop attachment 920



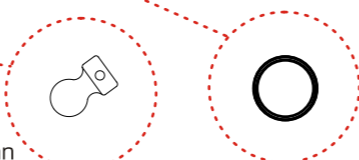
code 4404  
end-cover for railtop 920



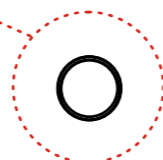
code 4101  
supporting base for column 9 15



code 4404  
end-cover for column  $\Phi$  16



code 19-053  
 $\Phi$  16-horizontal profile.



code 4302



code 4203



code 4152



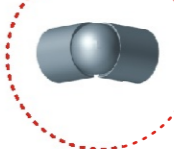
code 4406



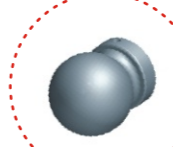
code 4160



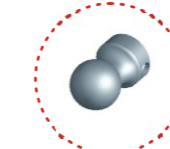
code 4301



code 4404



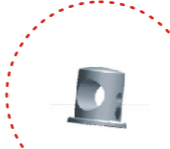
code 4403



code 4101

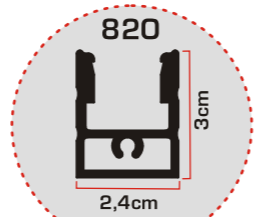


code 4205

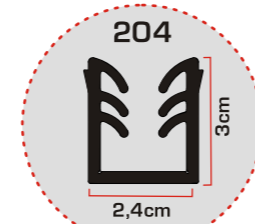




TRIPLEX glass pf 6mm

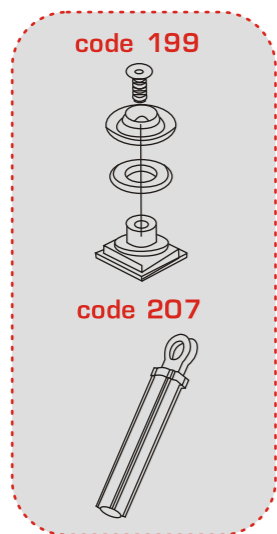


Glass guide

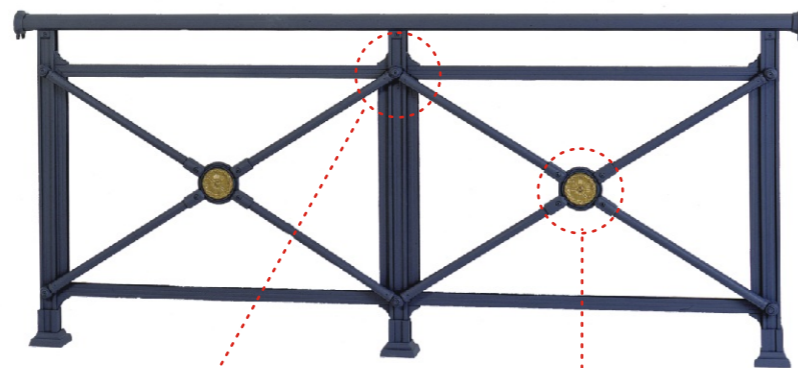


Glass rubber

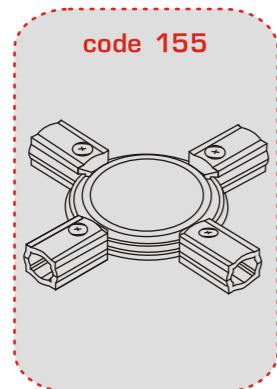
SUPPORTING MECHANISM



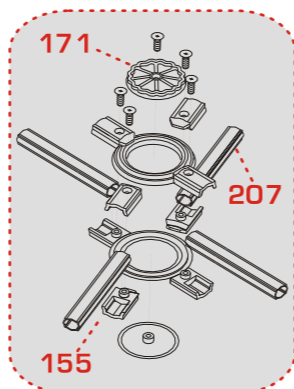
Column - set of 4pcs X 65cm



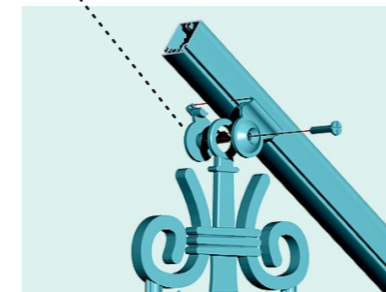
CONNECTING ADJUSTABLE CORNER FOR CODE No 207 & 159



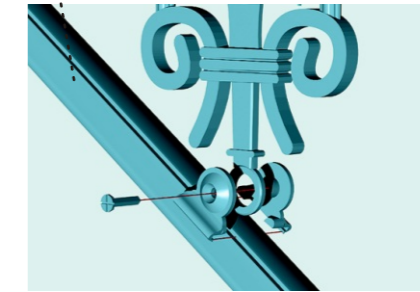
ROSSETE



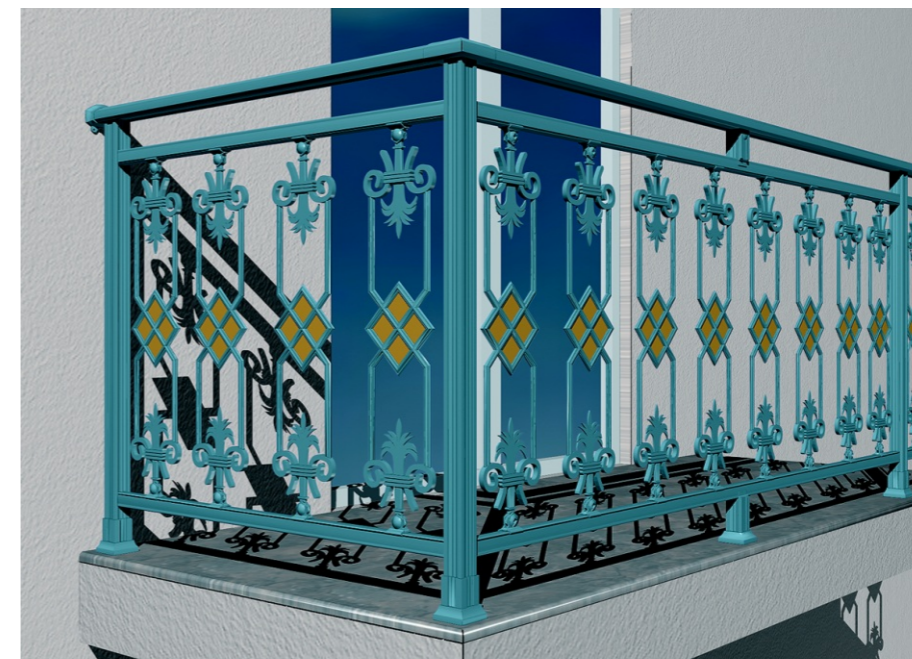
22 AL-FLEX CONNECTION



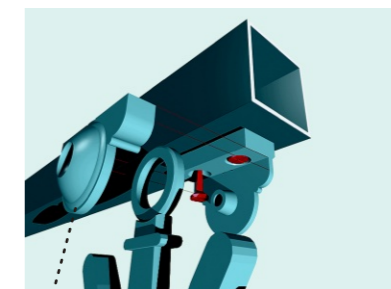
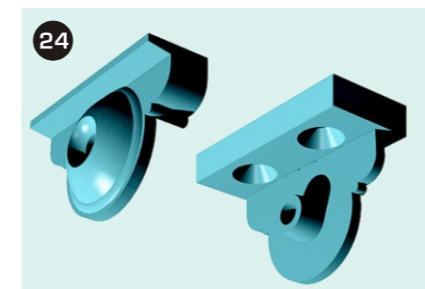
23 AL-FLEX GUIDE



AL-FLEX is an aluminium module with moveable heads on both ends, supported exclusively by the ALUMINCO SYSTEM.



Due to the AL-FLEX HEAD, the modules can be fixed on any surface e.g. Wood, wrought iron, or any aluminium profile.



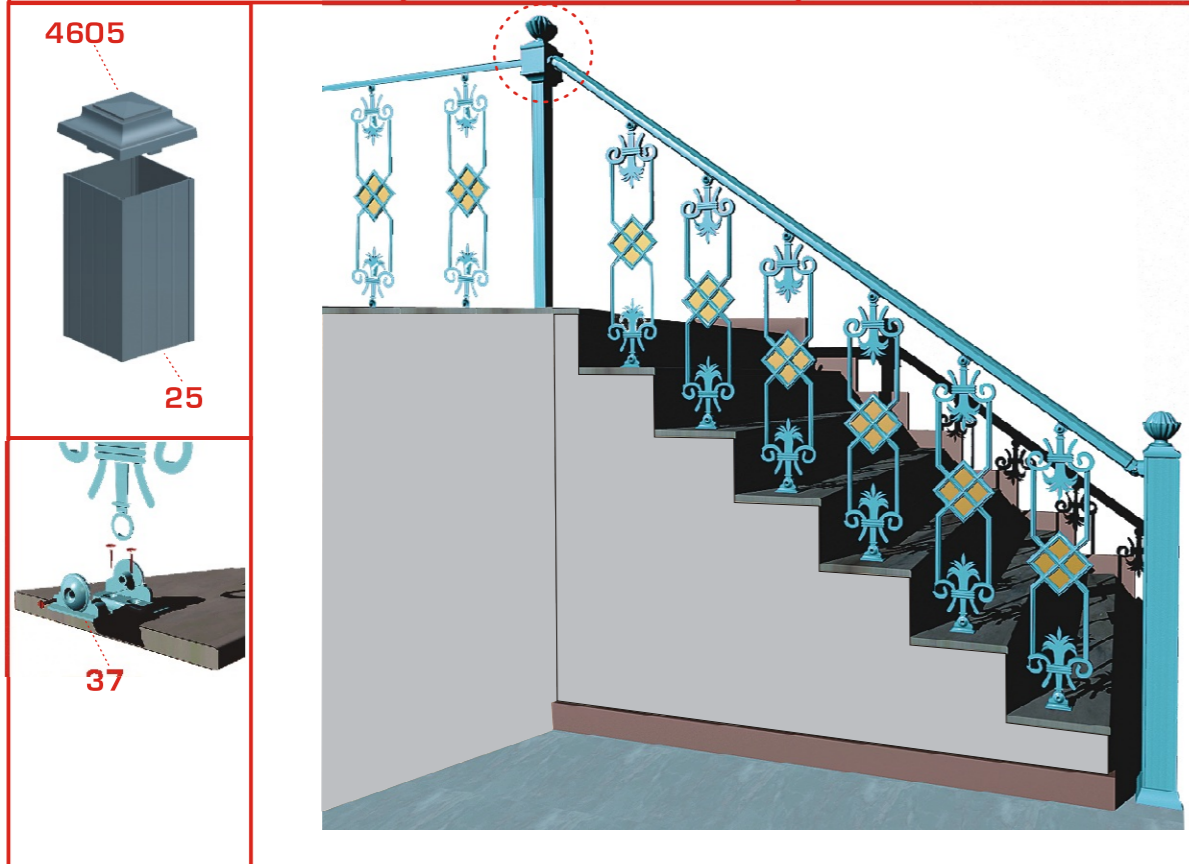
24 AL-FLEX HEAD

**NOTE !!!**

The accessories and the profiles are the same as in internal and external psatha.

assembly method of al-flex & accessories

al-flex system

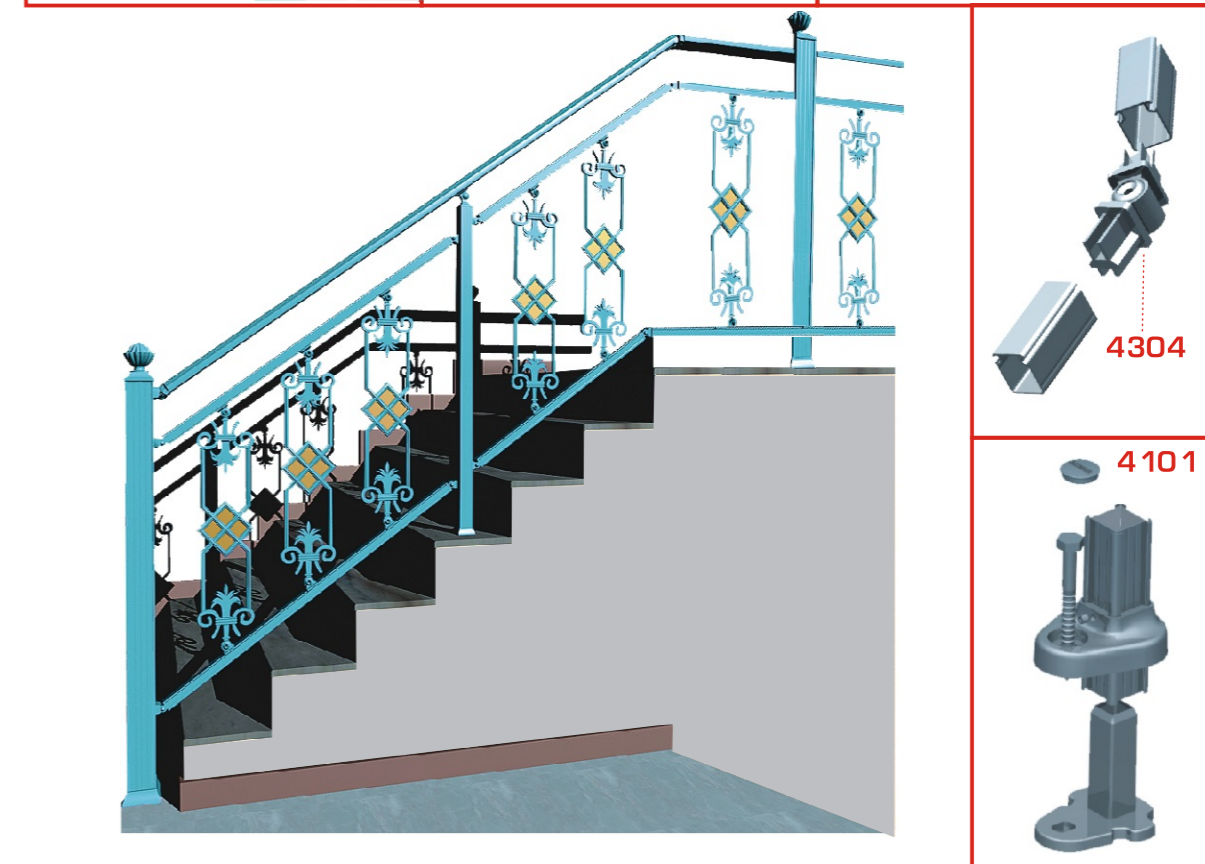
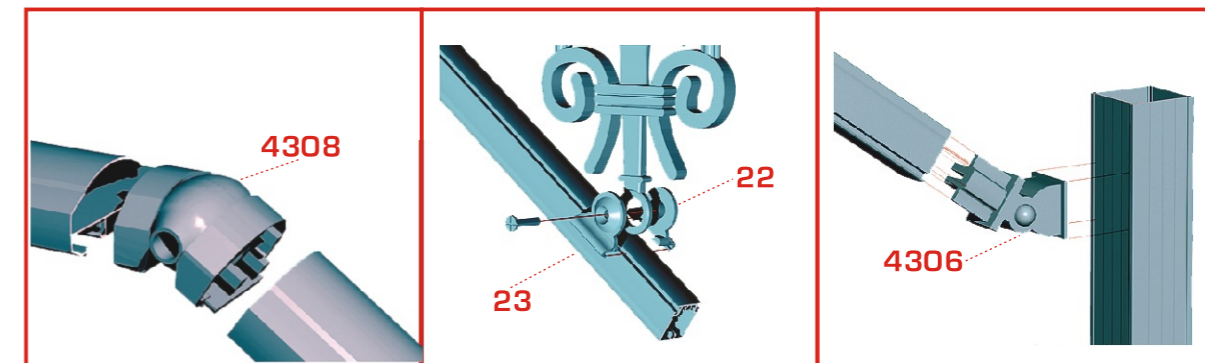


<p>code 15 railtop</p>	<p>code 23 al-flex guide</p>	<p>code 25 column 80X80mm</p>	<p>code 4602 thirsus</p>	<p>code 4603 thirsus</p>
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<p>code 4101 supporting base</p>	<p>code 22 al-flex connection to railtop</p>	<p>code 4203 column to railtop accessory</p>	<p>code 4308 flexible railtop accessory</p>	<p>code 4102 supporting base for column 25</p>	<p>code 4306 horizontal &amp; vertical connection (col-guide)</p>	<p>code 4606 thirsus with column cover</p>
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assembly method of al-flex & accessories

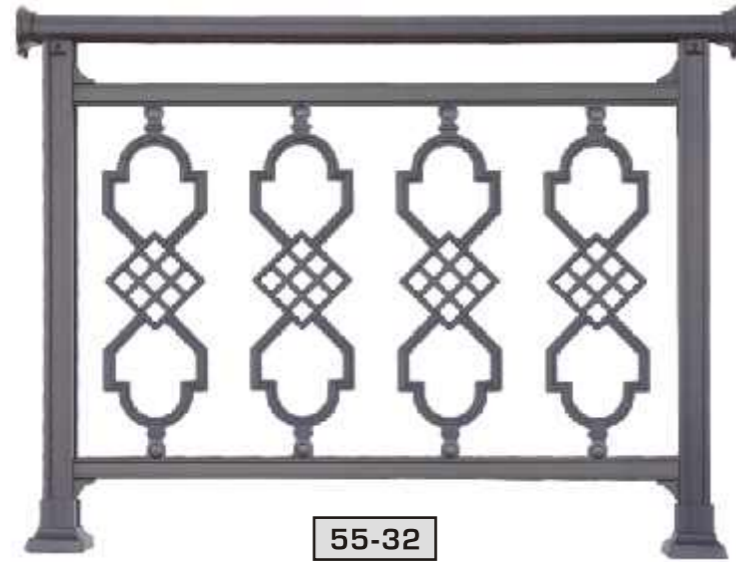
al-flex system



<p>code 4601 cube</p>	<p>code 4303 adjustable corner connection</p>	<p>code 4406 staircase finish</p>	<p>code 4153 wall railtop support</p>	<p>supporting method with accessory 4 153</p>
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<p>code 4304 horizontal corner guide connection</p>	<p>code 4305 vertical corner guide connection</p>	<p>code 4309 flexible railtop-col. accessory</p>	<p>code 4605 cover for column 25</p>	<p>code 4154 external support accessory</p>	<p>code 37 ground fixation</p>	<p>code 4307 horizontal corner connection (col-guide)</p>
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- RHOMBUS -



55-32

All AL FLEX models with the same height are combining together according to customer wants.  
All AL FLEX series 55 models, are 55 cm height. Appropriate railing dimensions.  
minimum height 67 cm  
maximum height 85 cm

- ROMAN -



55-33

- KORONA -



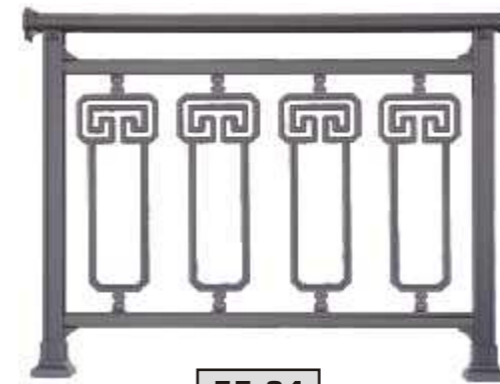
55-30

- MAKRIYANNI -



55-31

- MEANDROS -



55-34

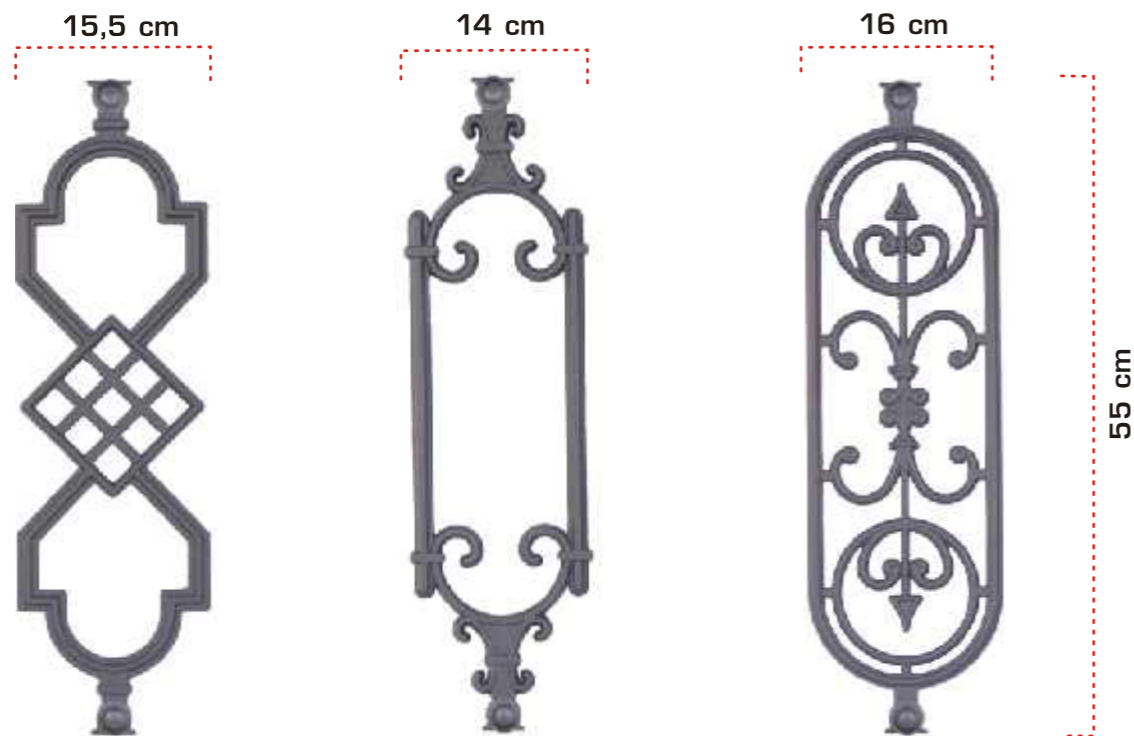
- LINEAR -



55-35

al-flex modules

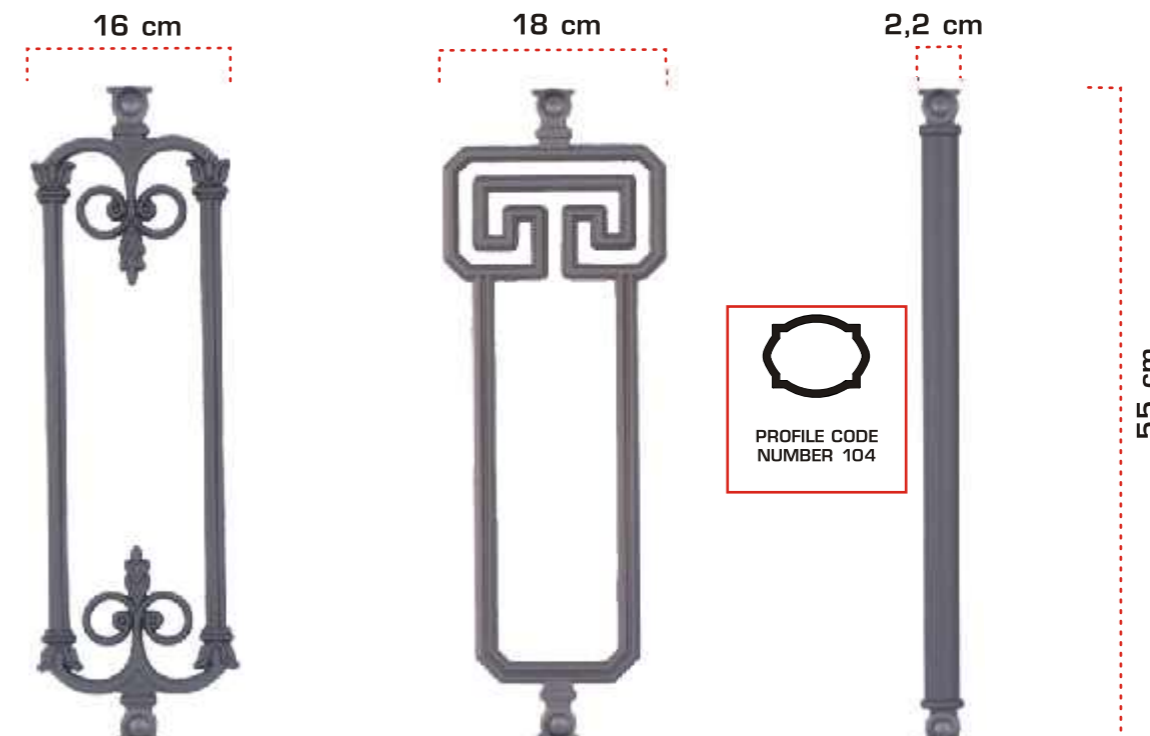
al-flex modules



55-32 4 PCS/M

55-31 4 PCS/M

55-30 4 PCS/M



55-33 4 PCS/M

55-34 4 PCS/M

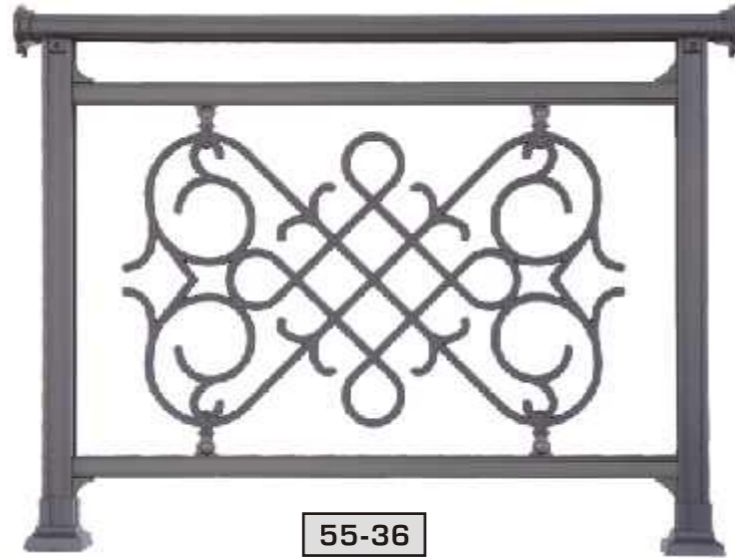
55-35 4 PCS/M



al-flex

al-flex

- BYZANTINE -



55-36

- ROCKA -



55-39

- KERAMIKOS -



55-37

- KAMARA -



55-38

- KOLONATO -



55-40

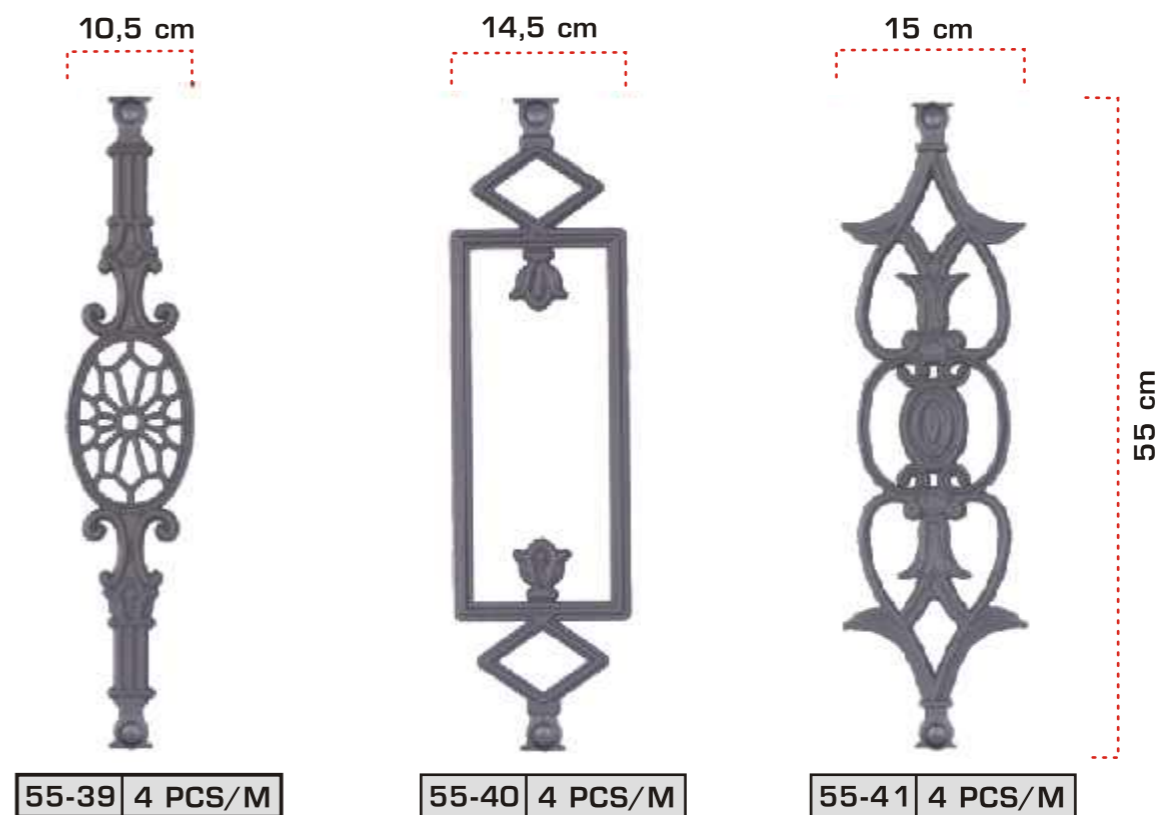
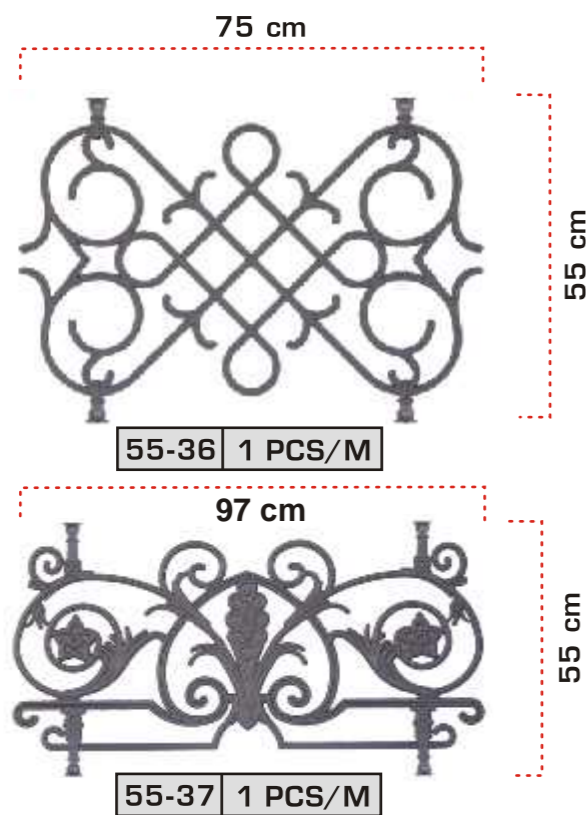
- KRINOS -



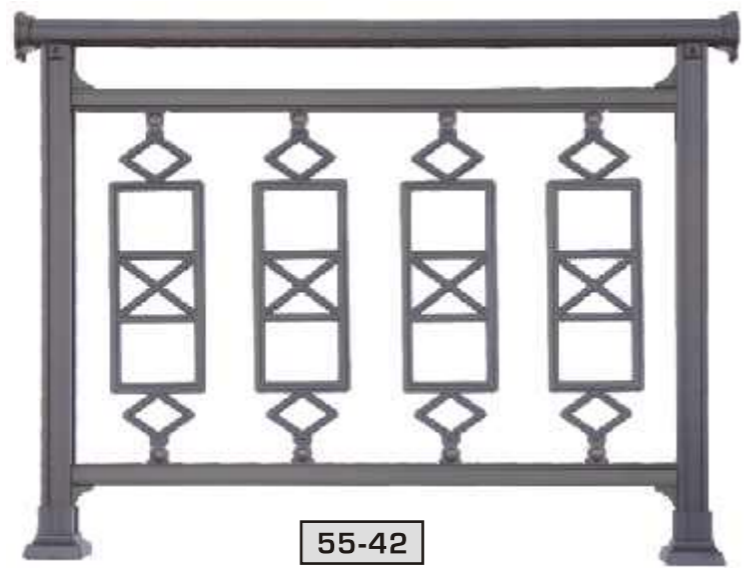
55-41

al-flex modules

al-flex modules



- ETHNIKIS -



55-42

- CROWN -



55-46

- ERODIUS -



55-43

- MARGARITA CLASSIC -



55-44

- ASTERI -



55-47

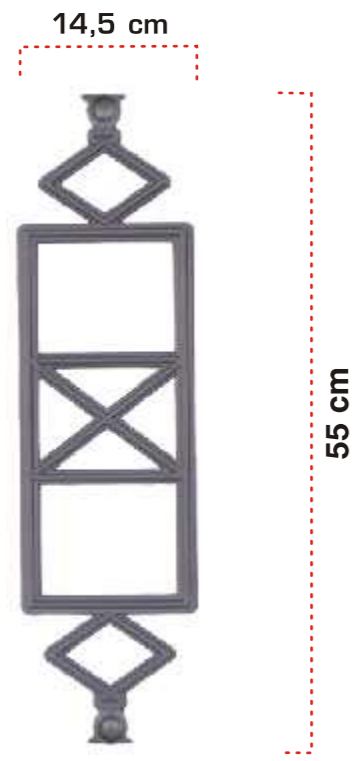
- DRAGON -



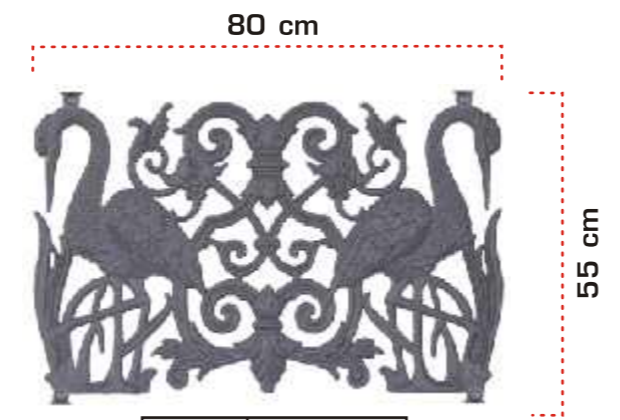
55-45

al-flex modules

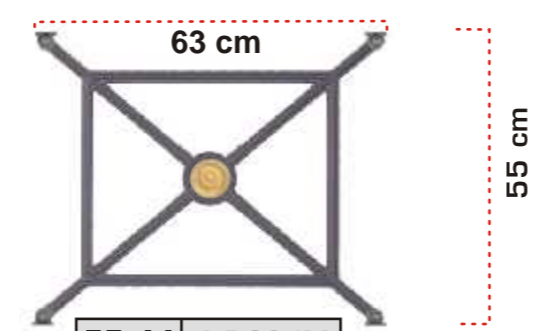
al-flex modules



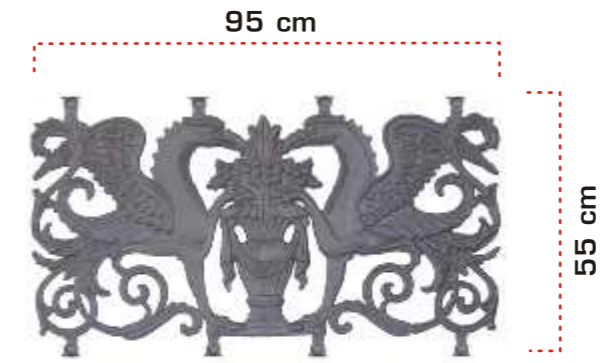
55-42 4 PCS/M



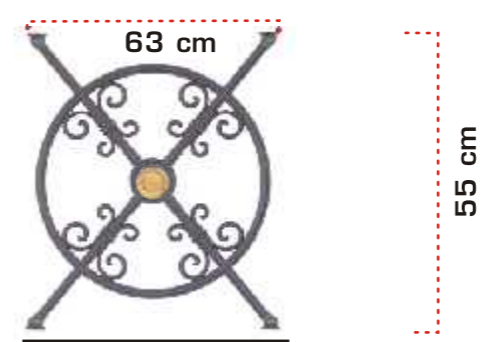
55-43 1 PCS/M



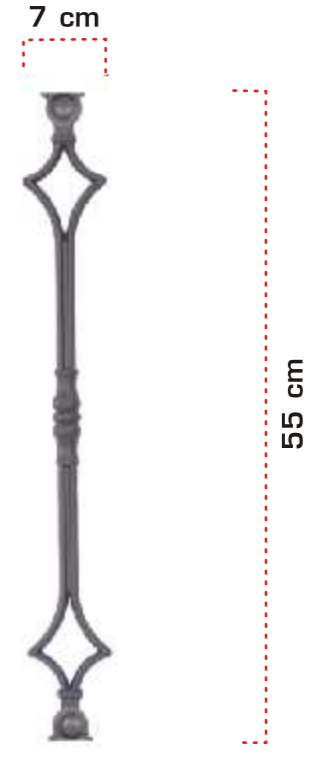
55-44 1 PCS/M



55-45 1 PCS/M



55-46 1 PCS/M



55-47 1 PCS/M

al-flex

al-flex

- ASTERI -



65-30

All AL FLEX models with the same height are combining together according to customer wants.  
All AL FLEX series 65 models, are 55 cm height. Appropriate railing dimensions.  
minimum height 77 cm  
maximum height 95 cm

- LINEAR -



65-33

- APERITO -



65-31

- KARAVOLO DIPLO -



65-32

- SAITA -



65-34

- VENITIAN -



65-35

al-flex modules

7 cm



65-30 7 PCS/M

19 cm



65-31 4 PCS/M

19 cm



65-32 4 PCS/M

65 cm

al-flex modules

2,2 cm



65-33 9 PCS/M

15,5 cm



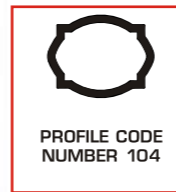
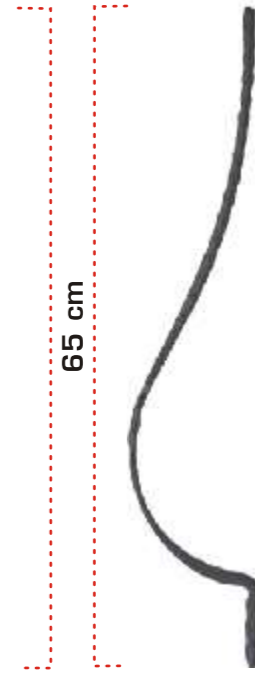
65-34 4 PCS/M

5 cm



65-35 6 PCS/M

11,5 cm



- MARGARITA CLASSIC -



65-36

- PHYLARAKI -



65-39

- CROWN -



65-37

- DOLPHIN -



65-38

- AKANTHOS -



65-41

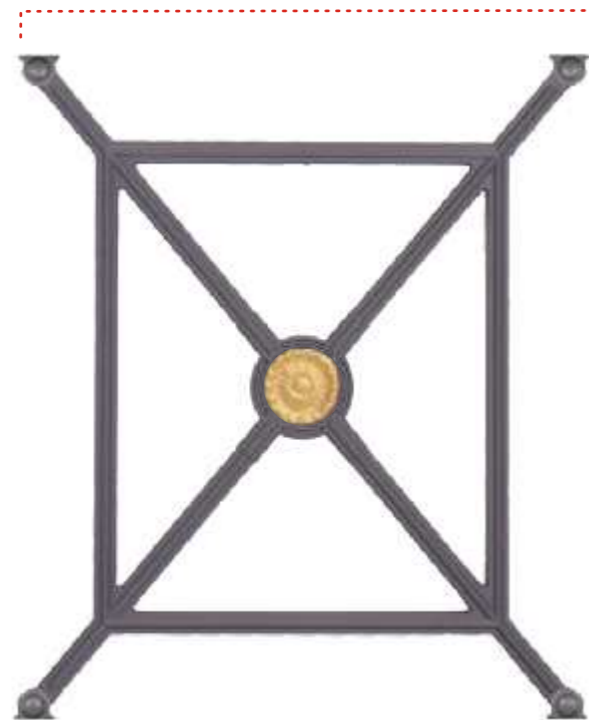
- EROTAS -



65-42

al-flex modules

53 cm



65-36 1 PCS/M

12,5 cm



65-38 5 PCS/M

65 cm

65 cm

19,5 cm



65-39 4 PCS/M

32 cm



65-41 3 PCS/M

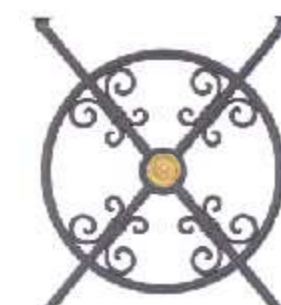
65 cm

106,5 cm



65-42 1 PCS/M

53 cm



65-37 1 PCS/M

65 cm

65 cm

al-flex modules

al-flex ES

al-flex ES

al-flex ES

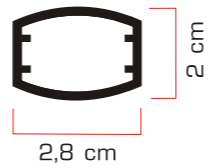
al-flex ES

- LINEAR -



CODE	DIMENSIONS
55-50	55cm
65-45	65cm
75-41	75cm
85-50	85cm

PROFILE CODE NUMBER 828



- PIGASOS -



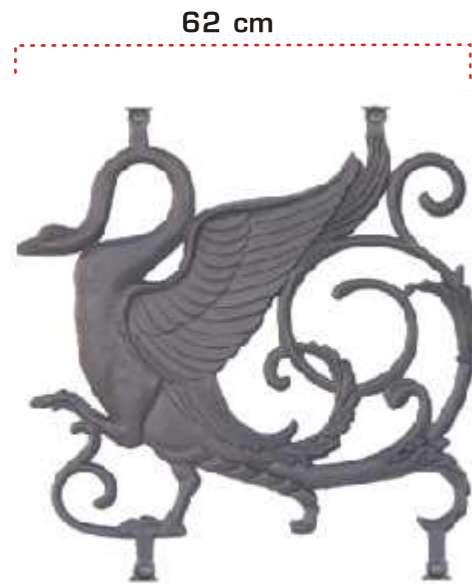
65-44

- KYKNOS -



65-43

al-flex modules



65-43 1 PCS/M



65-44 1 PCS/M

- MESEONIKO -



75-30

- VIENNA -



75-31

- ROMAN -



75-32

al-flex modules

17 cm



75-30 4 PCS/M

20 cm



75-31 4 PCS/M

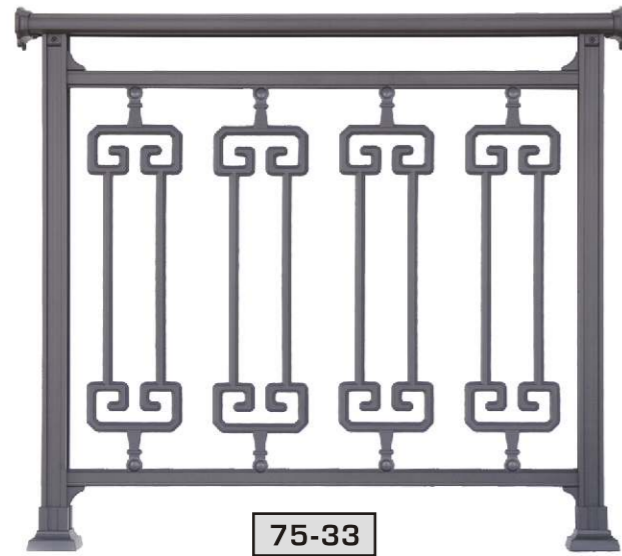
16 cm



75-32 4 PCS/M

75 cm

- MEANDROS -



75-33

All AL FLEX models with the same height are combining together according to customer wants.  
All AL FLEX series 75 models, are 55 cm height. Appropriate railing dimensions.  
minimum height 87 cm  
maximum height 105 cm

- PERGOLA -



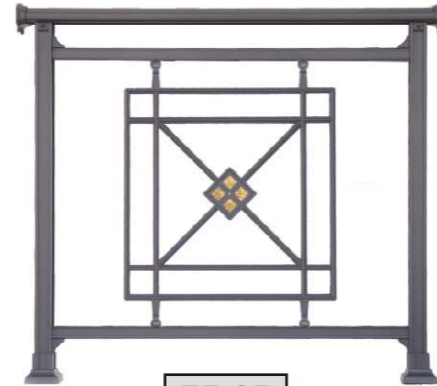
75-36

- LINEAR -



75-34

- BRONZE CLASSIC -



75-35

- HARP -



75-37

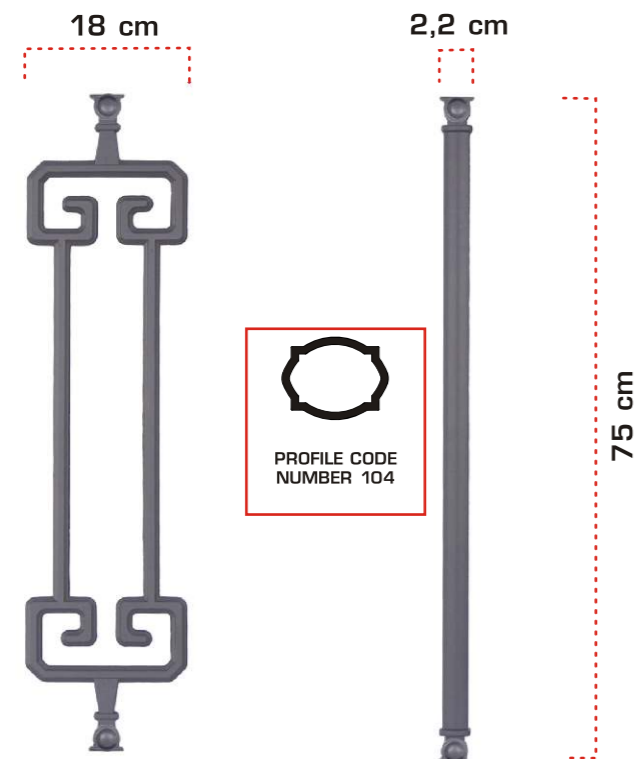
- BOUQUET -



75-38

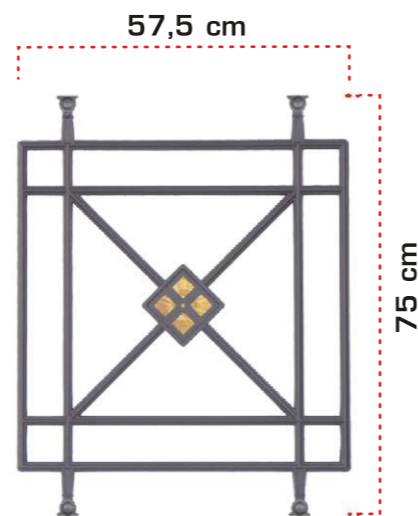
al-flex modules

al-flex modules



75-33 4 PCS/M

75-34 9 PCS/M



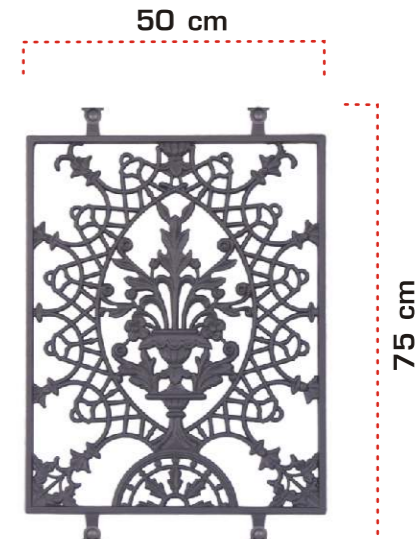
75-35 1 PCS/M



75-36 1 PCS/M



75-37 1 PCS/M

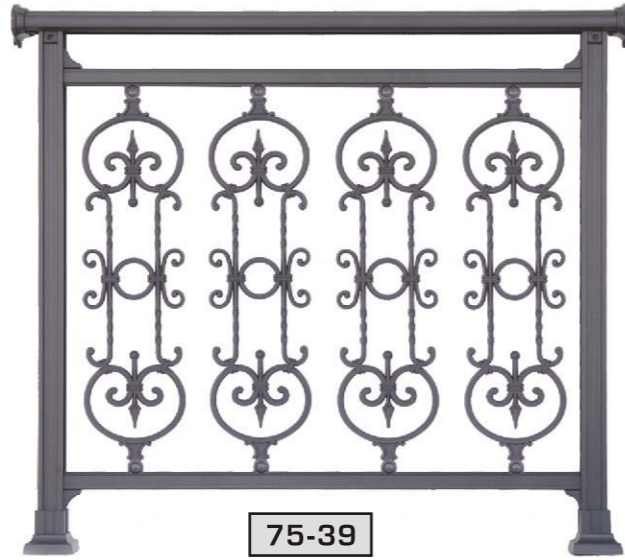


75-38 1 PCS/M

al-flex 75

al-flex 85

- STRIFTO -



75-39

- AYIOKILIMA -



85-30

- TULIP -



75-40

- ASTERI -



75-42

- LOUVRE -



85-31

- HERAKI -



85-32

al-flex modules

al-flex modules

19 cm

17 cm

7 cm



75-39 4 PCS/M



75-40 4 PCS/M



75-42 9 PCS/M

75 cm

25 cm

25 cm

18 cm



85-30 3 PCS/M



85-31 3 PCS/M



85-32 4 PCS/M

85 cm

al-flex 85

al-flex 85

- AKROKERAMO -



85-33

All AL FLEX models with the same height are combining together according to customer wants.  
All AL FLEX series 85 models, are 55 cm height. Appropriate railing dimensions.  
minimum height 97 cm  
maximum height 115 cm

- ROCKA -



85-36

- KAMARA -



85-34

- KOLONATO -



85-35

- KRINOS -



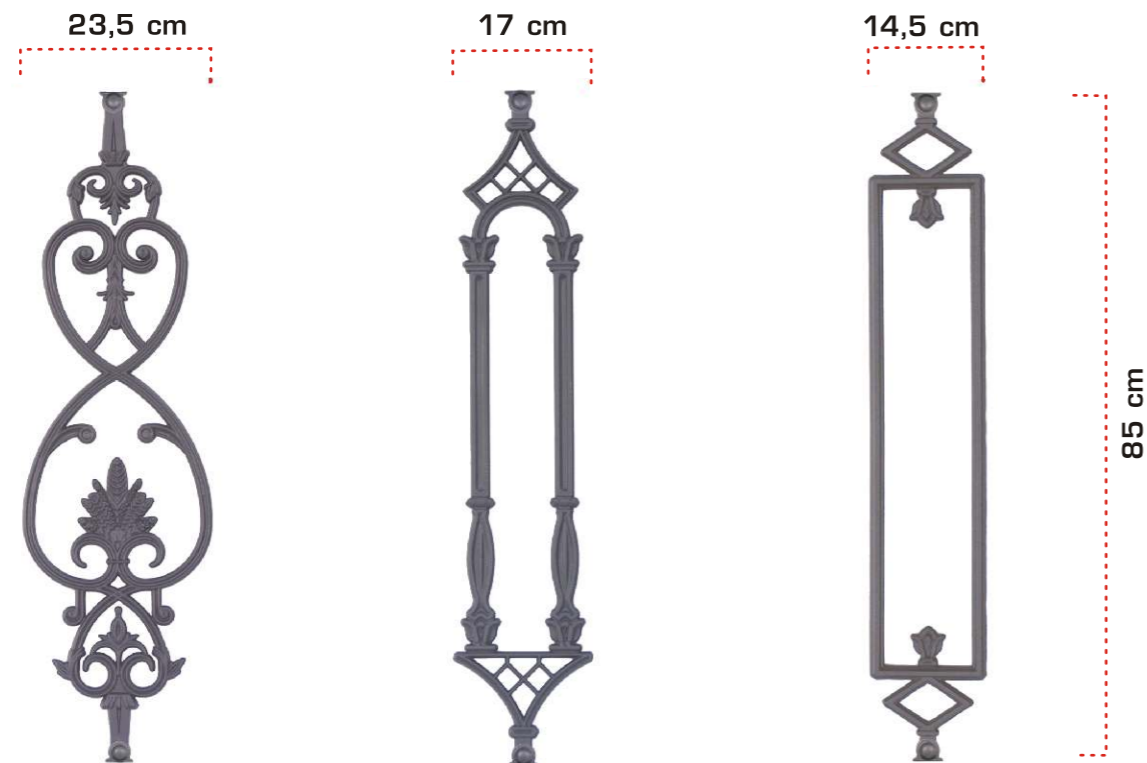
85-37

- LINEAR -



85-38

al-flex modules

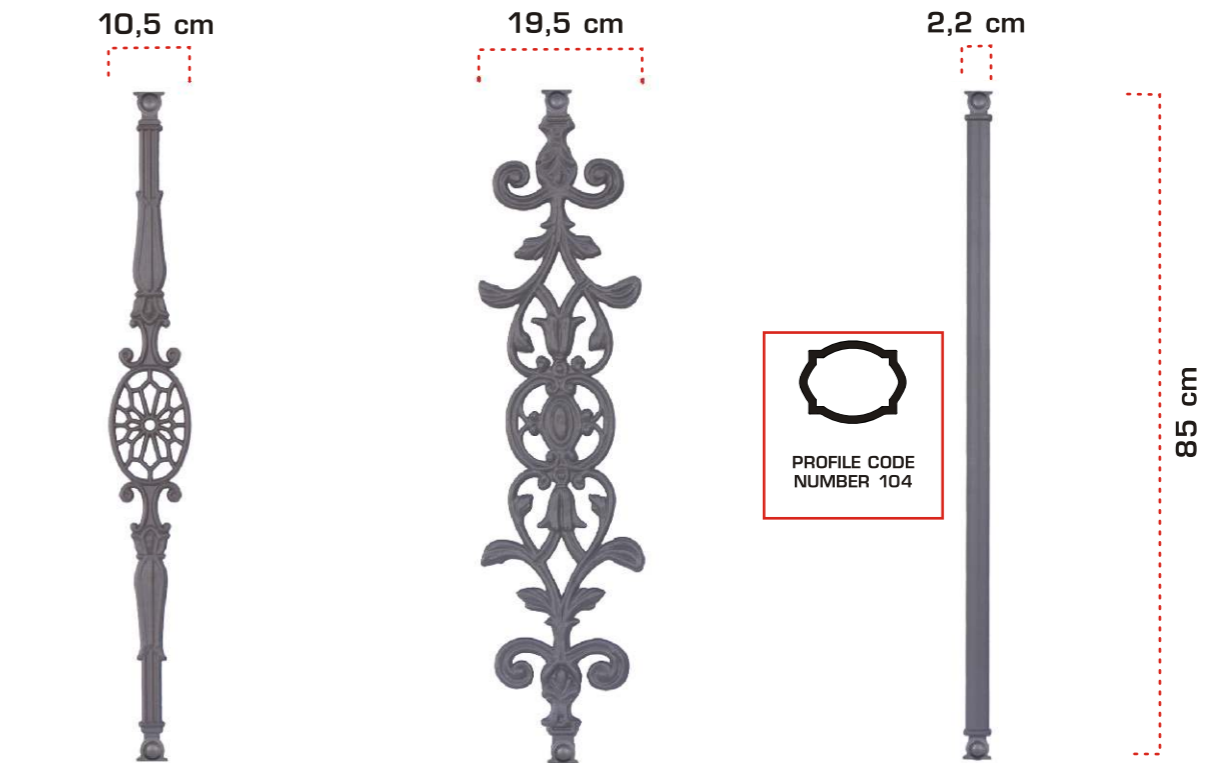


85-33 3 PCS/M

85-34 4 PCS/M

85-35 4 TEM/M

al-flex modules



85-36 6 PCS/M

85-37 4 PCS/M

85-38 9 PCS/M

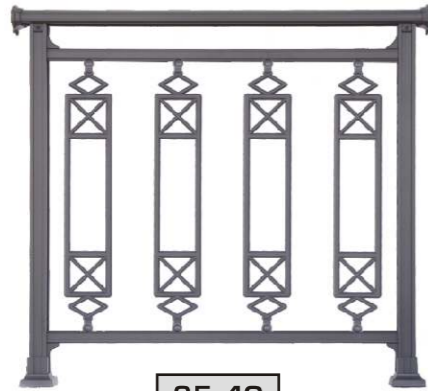


- KORONA -



85-39

- ETHNIKIS -



85-40

- MAKRIYANNI -



85-41

al-flex modules

16 cm



85-39 4 PCS/M

14,5 cm



85-40 4 PCS/M

14,5 cm



85-41 4 PCS/M

85 cm

- SAITA -



85-42

- ARROW -



85-43

- ASTERI A -



85-44

- ASTERI B -



85-45

al-flex modules

8 cm



85-42 6 PCS/M

8 cm



85-43 6 PCS/M

6,5 cm



85-44 7 PCS/M

6,5 cm

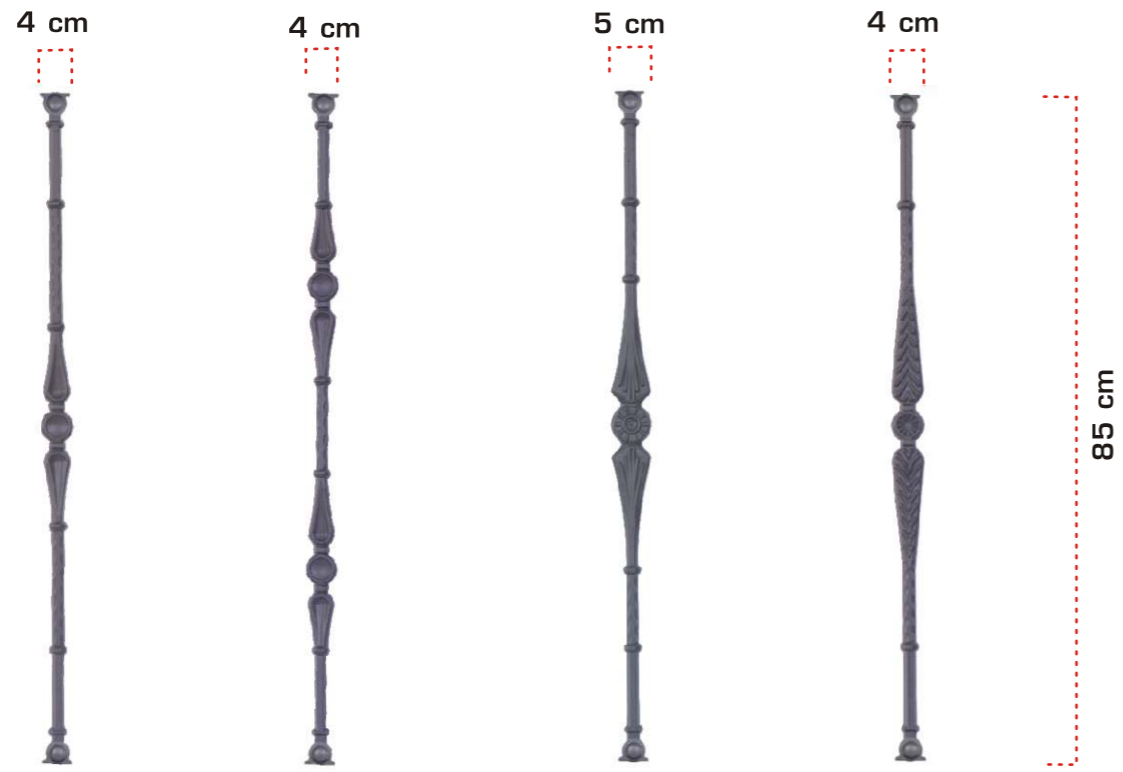


85-45 7 PCS/M

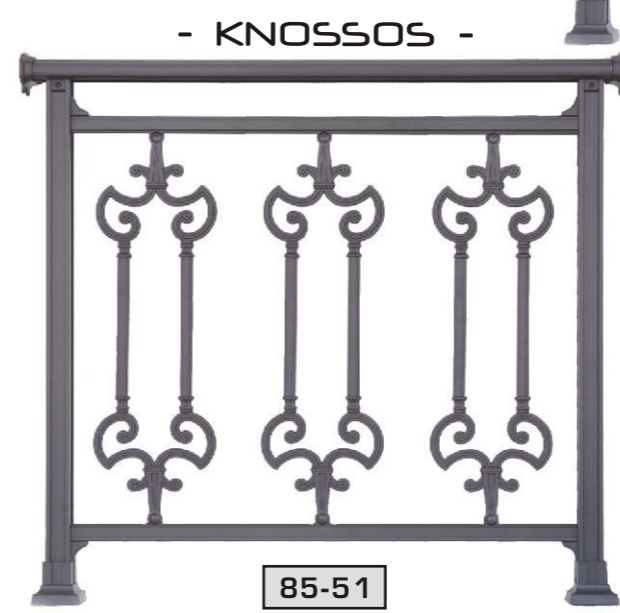
85 cm



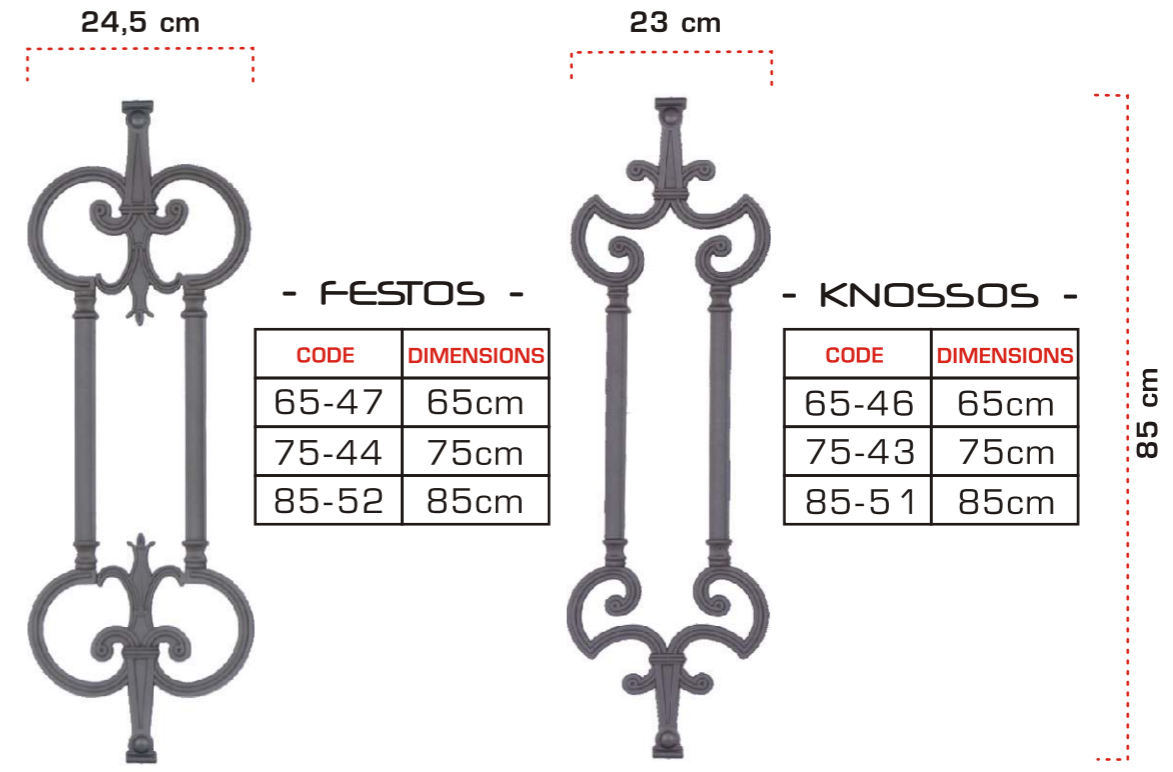
al-flex modules



85-46	7 PCS/M	85-47	7 PCS/M	85-48	7 PCS/M	85-49	7 PCS/M
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al-flex modules



85-52	3 PCS/M	85-51	3 PCS/M
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- FESTOS -

CODE	DIMENSIONS
65-47	65cm
75-44	75cm
85-52	85cm

- KNOSSOS -

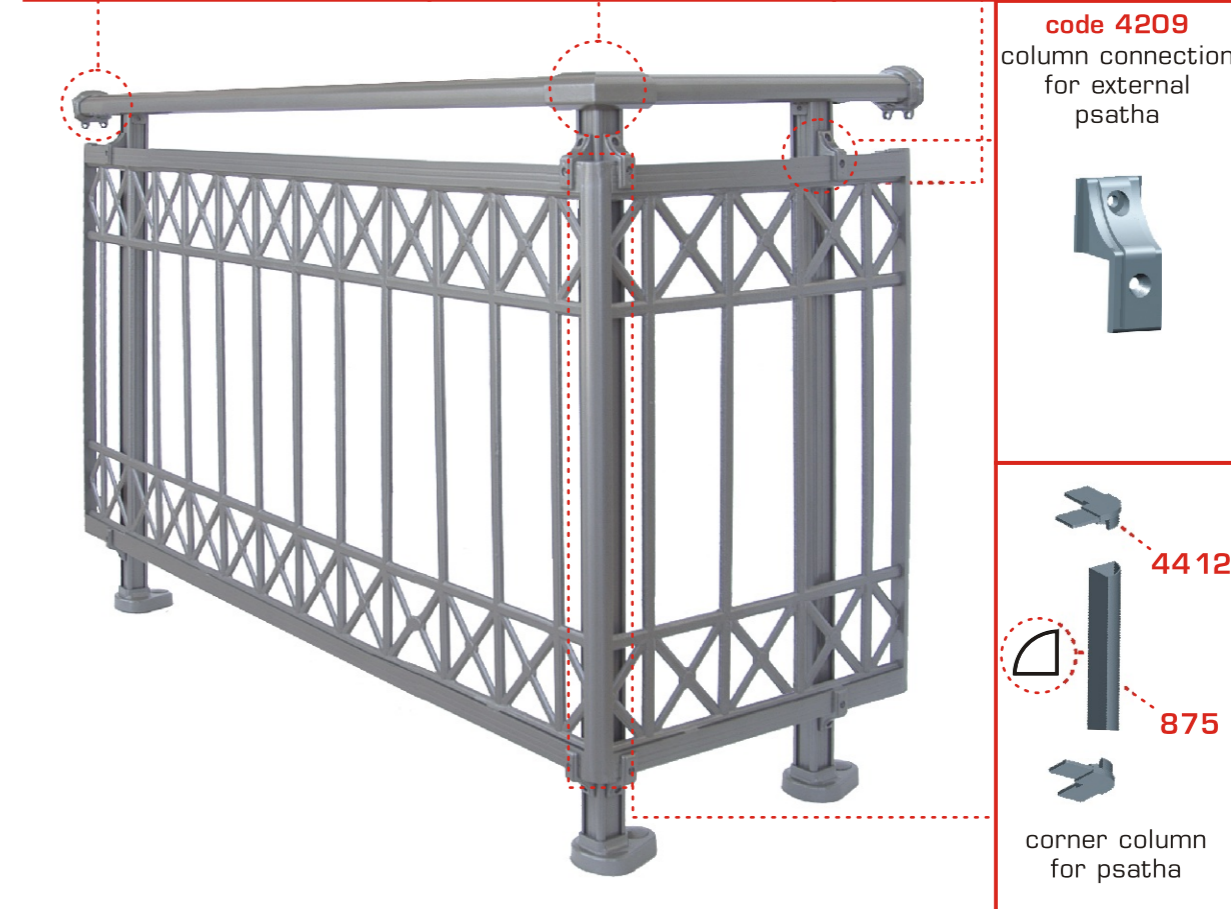
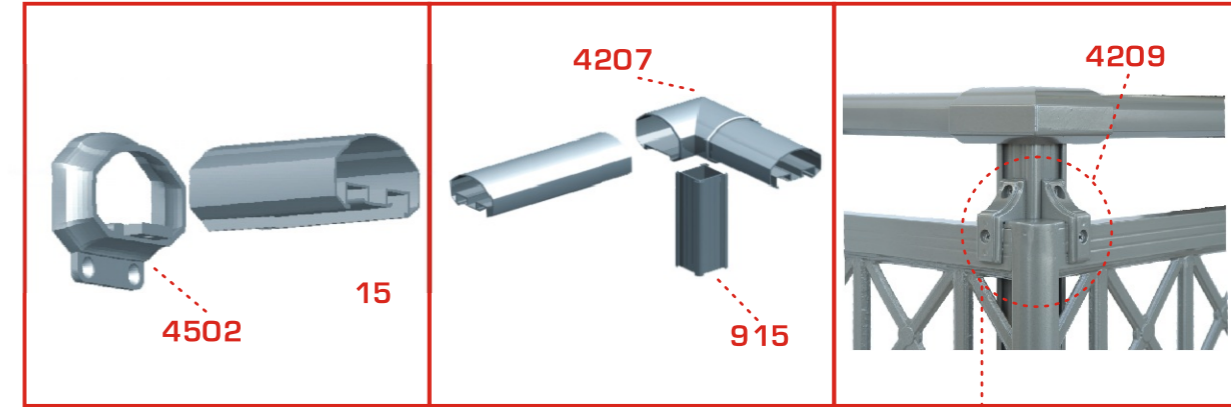
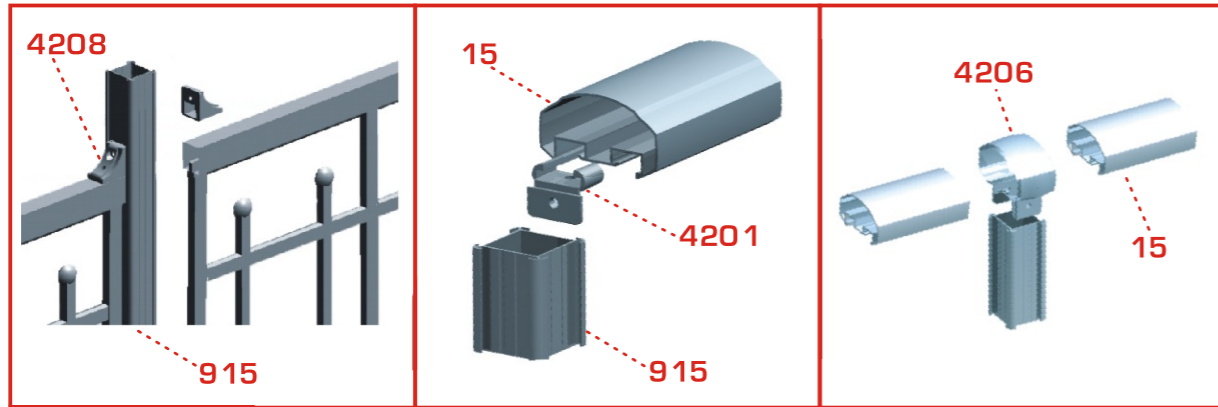
CODE	DIMENSIONS
65-46	65cm
75-43	75cm
85-51	85cm

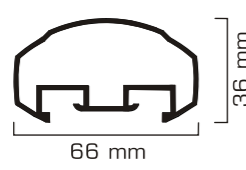



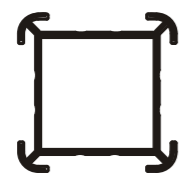


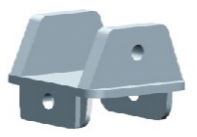
assembly method of psatha & accessories




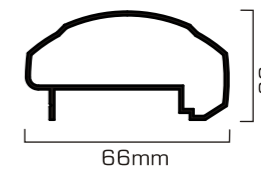


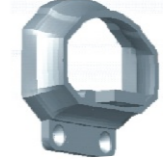

assembly method of psatha & accessories

internal psatha

external psatha



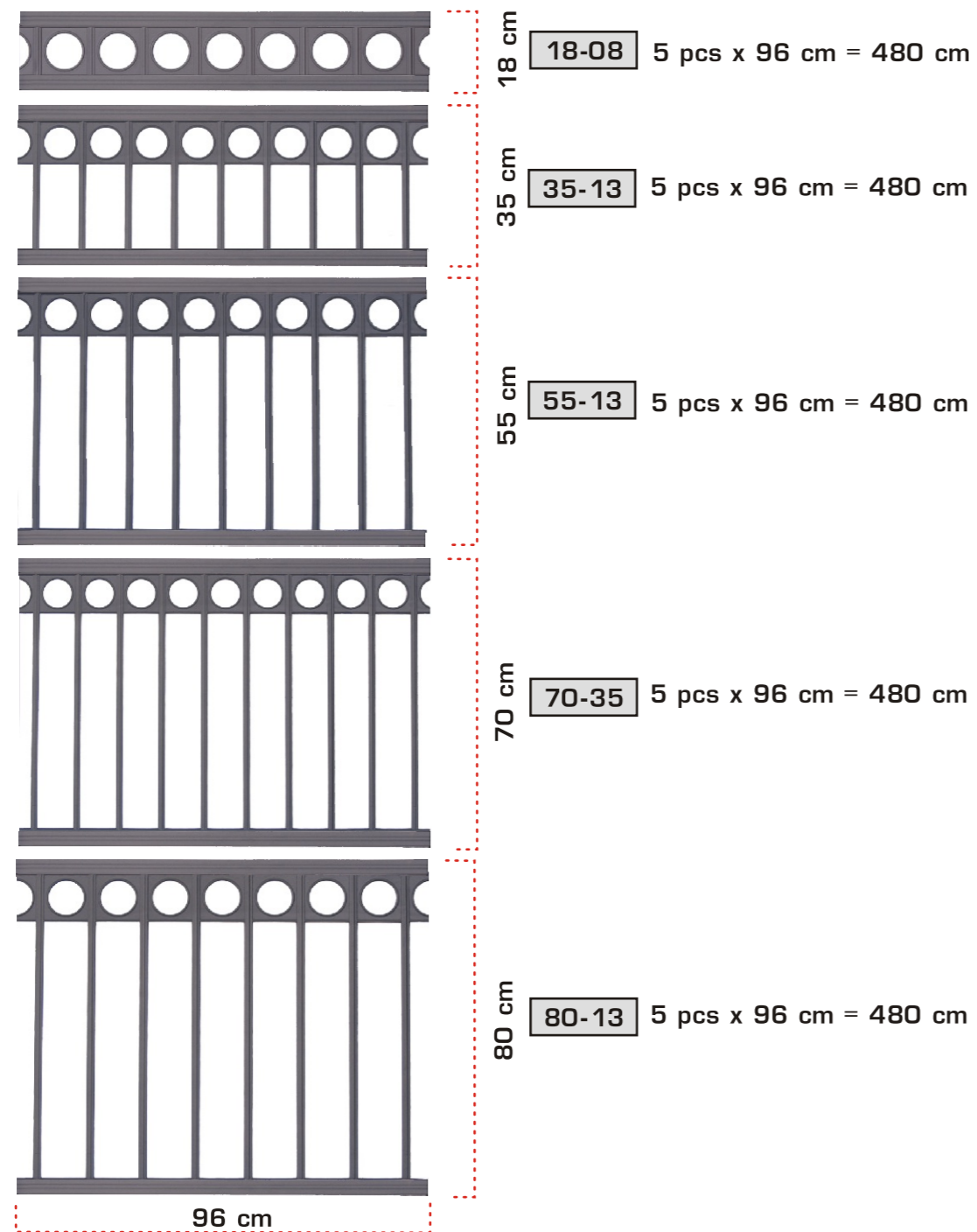
<p>code 15 railtop</p>  <p>66 mm 36 mm</p>	<p>code 4201 connection for railtop-column</p> 	<p>code 4211 connection for railtop-column</p> 	<p>code 4208 column connection for internal psatha</p> 
<p>code 915 column</p> 	<p>code 4101 supporting column 915</p> 	<p>code 4405 railtop cover</p> 	<p>code 4204 intermediate column connection with guide</p> 

<p>code 4303 adjustable corner connection</p> 	<p>code 4412 corner column for external psatha</p> 	<p>code 875 προφίλ για γωνιακό σύνδεσμο profile for join corner</p> 	<p>code 30 railtop</p>  <p>66 mm 36 mm</p>
<p>code 4207 corner accessory for railtop 15 &amp; 30</p> 	<p>code 4206 connecting accessory for railtop 15 &amp; 30</p> 	<p>code 4502 railtop to wall attachment 15 &amp; 30</p> 	<p>connection of railtop 30 with column 915 with screw 4,2X50</p> 

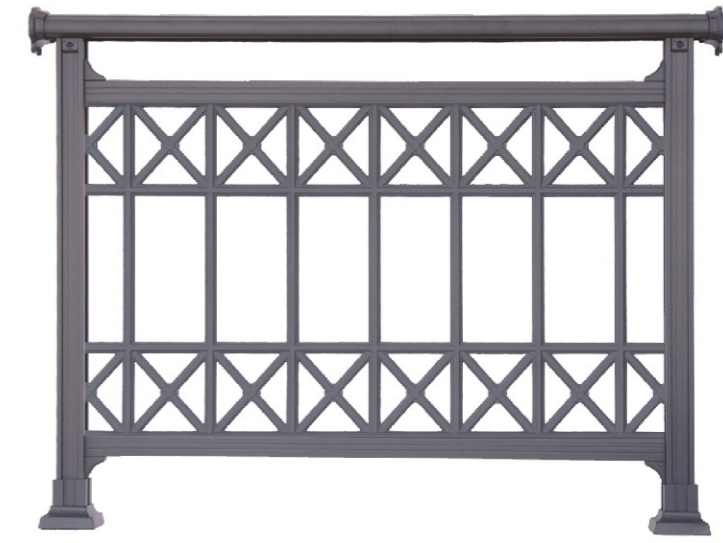
Rail height  
30 - 110 cm



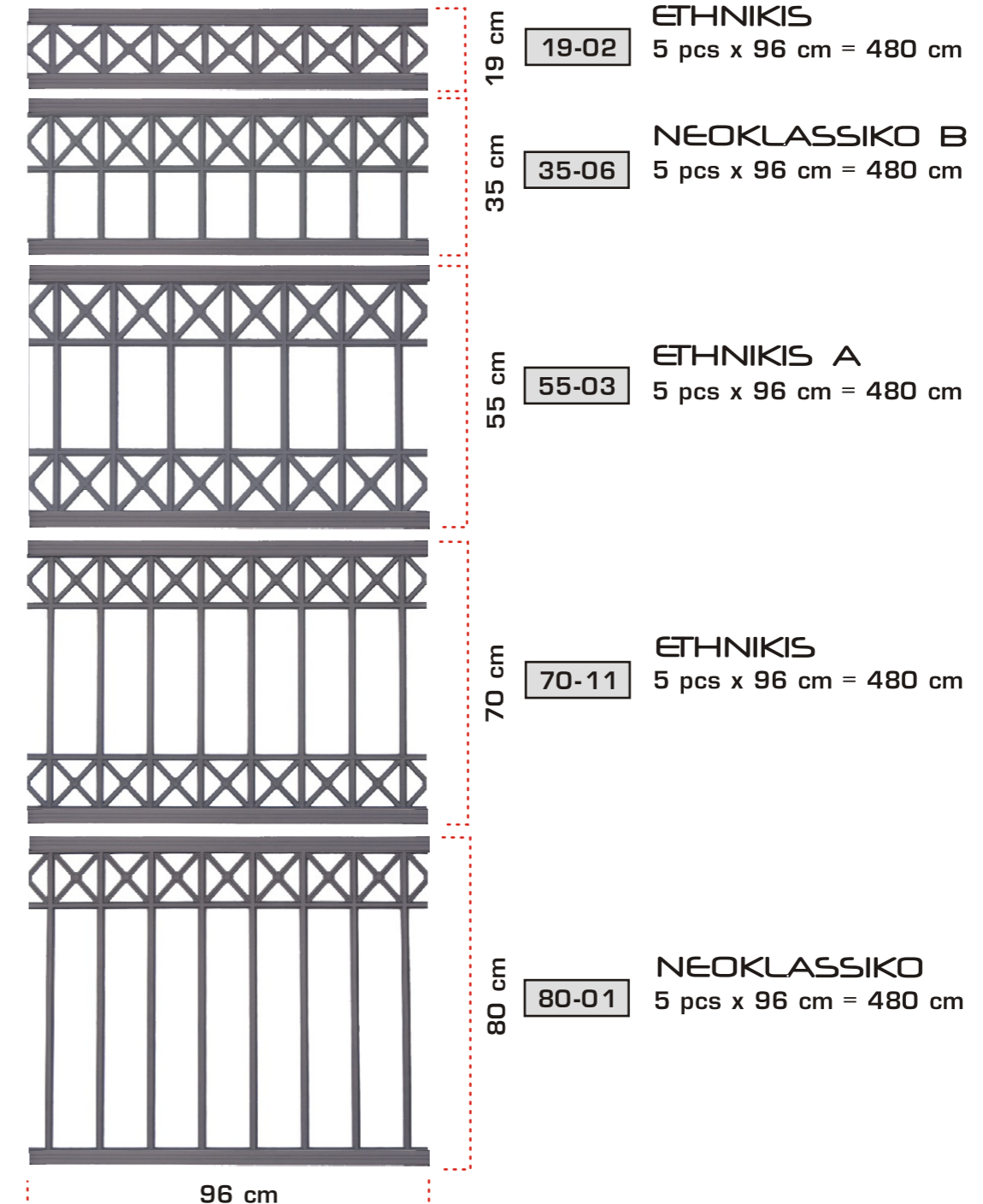
psatha modules



Rail height  
30 - 110 cm



psatha modules



Rail height  
30 - 110 cm



psatha modules



19-06 MAKRIYANNI  
5 pcs x 96 cm = 480 cm



35-03 MAKRIYANNI B  
5 pcs x 96 cm = 480 cm



55-05 MAKRIYANNI A  
5 pcs x 96 cm = 480 cm



70-13 MAKRIYANNI  
5 pcs x 96 cm = 480 cm



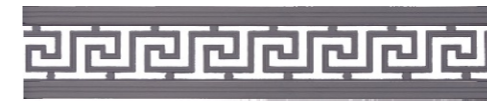
80-23 5 pcs x 96 cm = 480 cm

96 cm

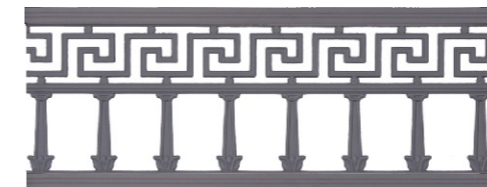
Rail height  
30 - 100 cm



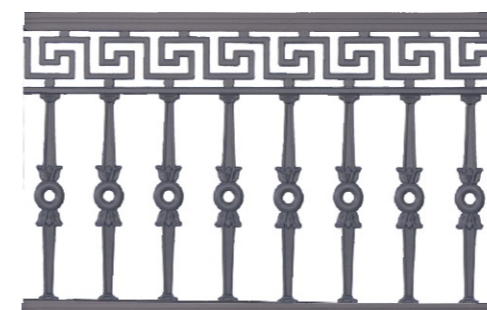
psatha modules



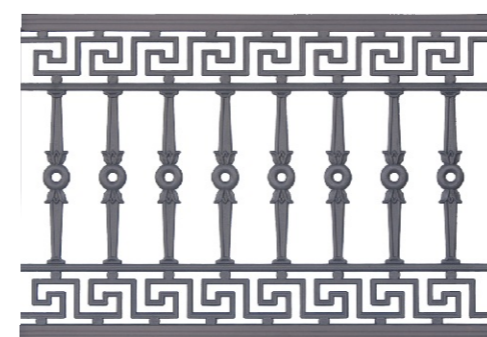
18-01 MEANDROS  
5 pcs x 96 cm = 480 cm



35-05 ATHENIAN B  
5 pcs x 96 cm = 480 cm



55-08 ATHENIAN A  
5 pcs x 96 cm = 480 cm



70-25 ATHENIAN  
5 pcs x 96 cm = 480 cm

96 cm

Rail height  
30 - 100 cm



psatha modules



15 cm  
15-03 5 pcs x 96 cm = 480 cm



35 cm  
35-07 5 pcs x 96 cm = 480 cm



55 cm  
55-07 5 pcs x 96 cm = 480 cm



70 cm  
70-26 5 pcs x 96 cm = 480 cm

96 cm

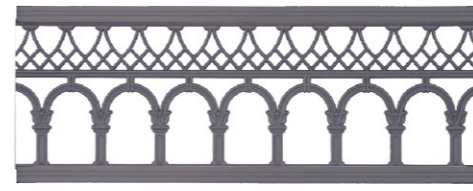
Rail height  
30 - 100 cm



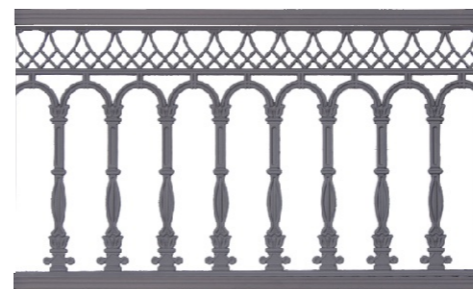
psatha modules



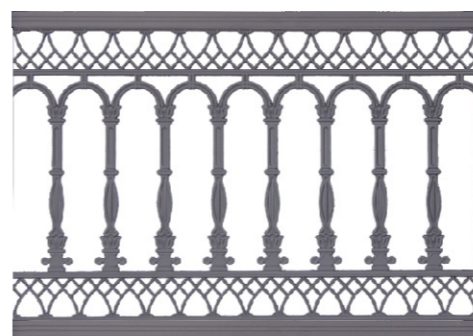
16 cm  
16-04 5 pcs x 96 cm = 480 cm



35 cm  
35-01 5 pcs x 96 cm = 480 cm



55 cm  
55-02 5 pcs x 96 cm = 480 cm



70 cm  
70-12 5 pcs x 96 cm = 480 cm

96 cm

Rail height  
45 - 110 cm



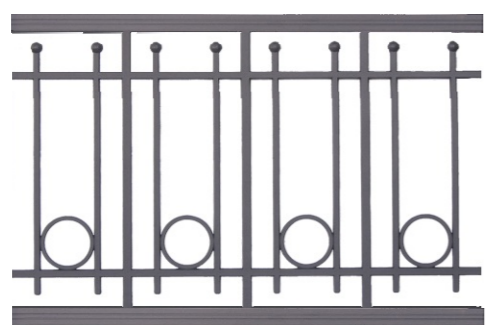
psatha modules



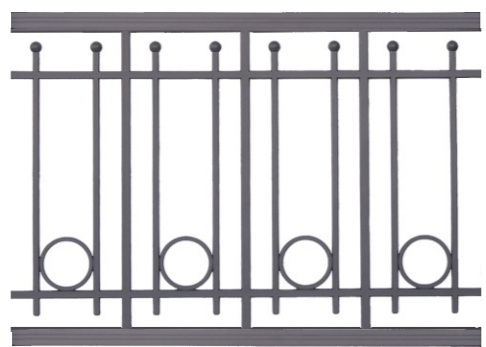
35-17 5 pcs x 96 cm = 480 cm



55-18 5 pcs x 96 cm = 480 cm



70-33 5 pcs x 96 cm = 480 cm



80-22 5 pcs x 96 cm = 480 cm

96 cm

Rail height  
45 - 110 cm



psatha modules



35-02 VIENNA B  
5 pcs x 96 cm = 480 cm



55-01 VIENNA A  
5 pcs x 96 cm = 480 cm



70-24 VIENNA  
5 pcs x 96 cm = 480 cm



80-24 5 pcs x 96 cm = 480 cm

96 cm

Rail height  
45 - 110 cm



psatha modules



35 cm

35-09 5 pcs x 96 cm = 480 cm



50 cm

50-01 5 pcs x 96 cm = 480 cm



70 cm

70-29 5 pcs x 96 cm = 480 cm



80 cm

80-07 5 pcs x 96 cm = 480 cm

96 cm

Rail height  
60 - 110 cm



psatha modules



50 cm

50-02 5 pcs x 96 cm = 480 cm



70 cm

70-30 5 pcs x 96 cm = 480 cm



80 cm

80-08 5 pcs x 96 cm = 480 cm

96 cm



Rail height  
90 - 110 cm



psatha modules



80 cm  
**80-17** KYTHNOS  
5 pcs x 96 cm = 480 cm



70 cm  
**70-31** 5 pcs x 96 cm = 480 cm



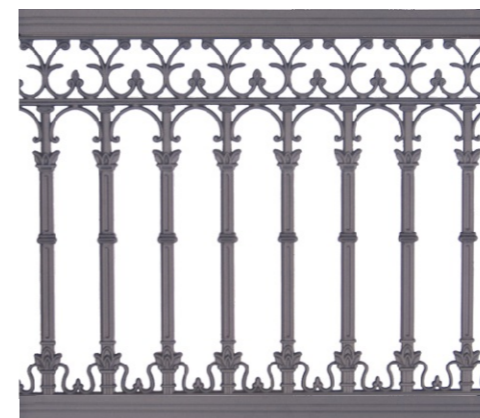
80 cm  
**80-09** 5 pcs x 96 cm = 480 cm

96 cm

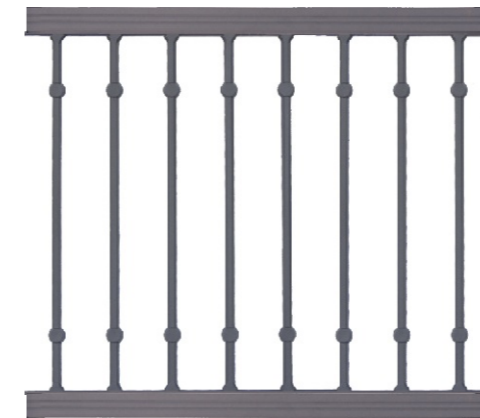
Rail height  
90 - 110 cm



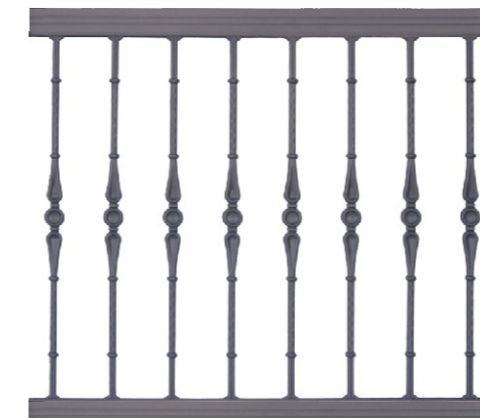
psatha modules



80 cm  
**80-05** 5 pcs x 96 cm = 480 cm



80 cm  
**80-03** LINEAR  
5 pcs x 96 cm = 480 cm



80 cm  
**80-11** MINOAN A  
5 pcs x 96 cm = 480 cm

96 cm

Rail height  
45 - 110 cm



psatha modules



35-15 5 pcs x 96 cm = 480 cm



55-15 5 pcs x 96 cm = 480 cm



70-37 5 pcs x 96 cm = 480 cm



80-19 5 pcs x 96 cm = 480 cm

96 cm

Rail height  
45 - 110 cm



psatha modules



35-08 5 pcs x 96 cm = 480 cm



55-09 5 pcs x 96 cm = 480 cm



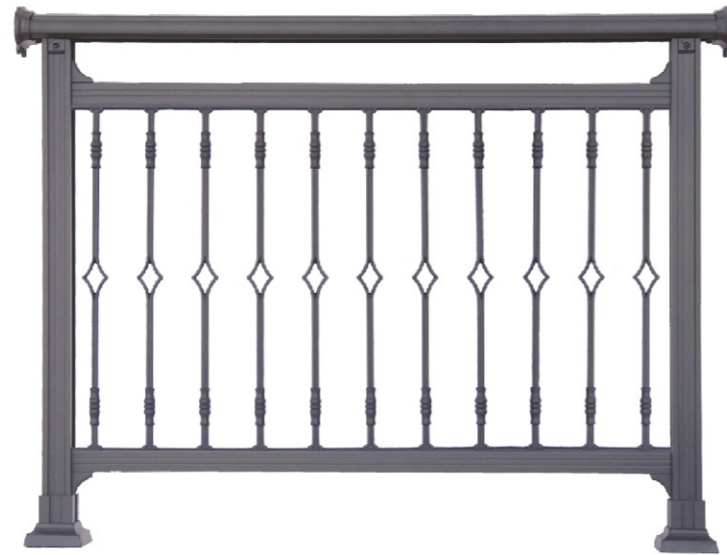
70-28 5 pcs x 96 cm = 480 cm



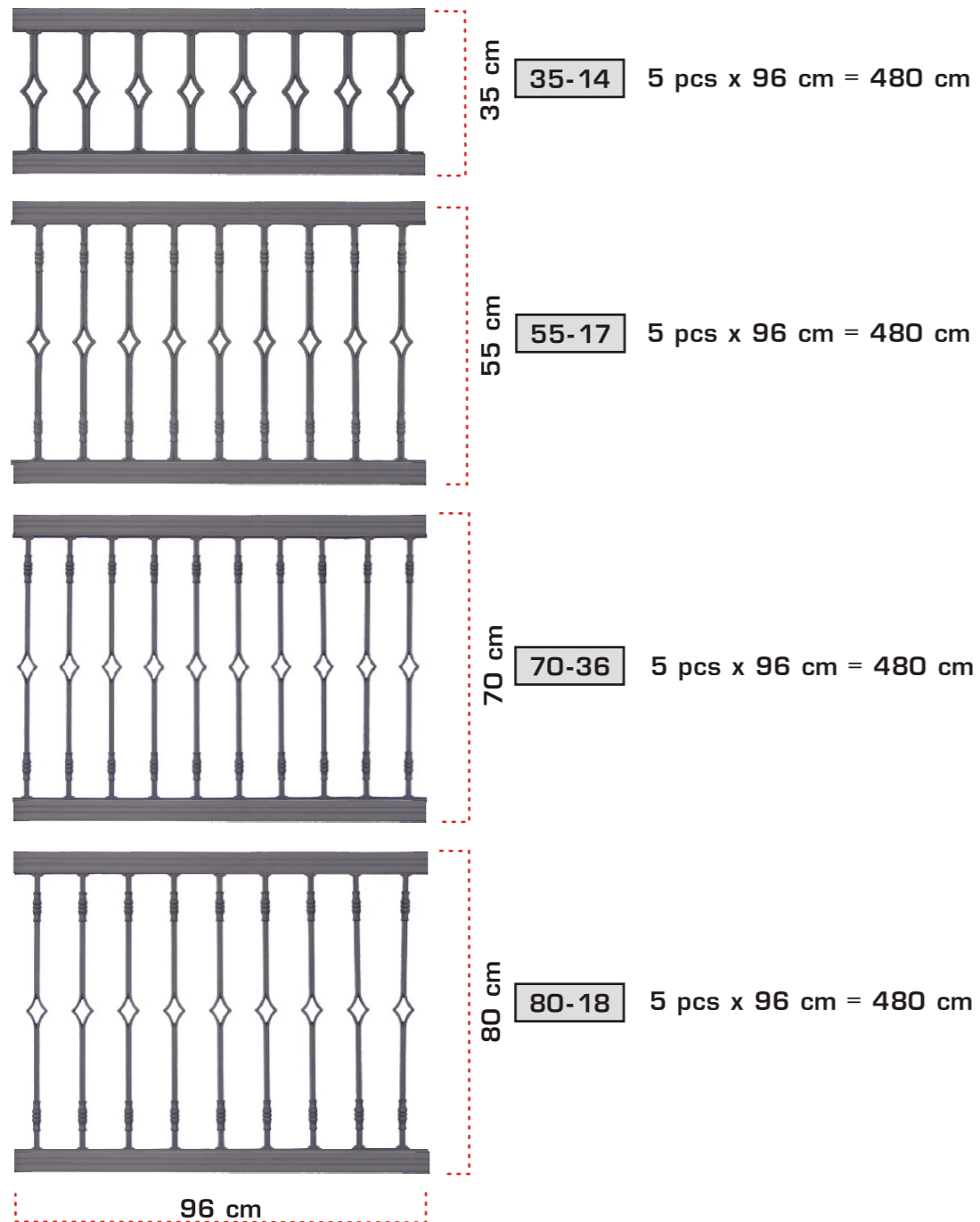
80-06 5 pcs x 96 cm = 480 cm

96 cm

Rail height  
45 - 110 cm



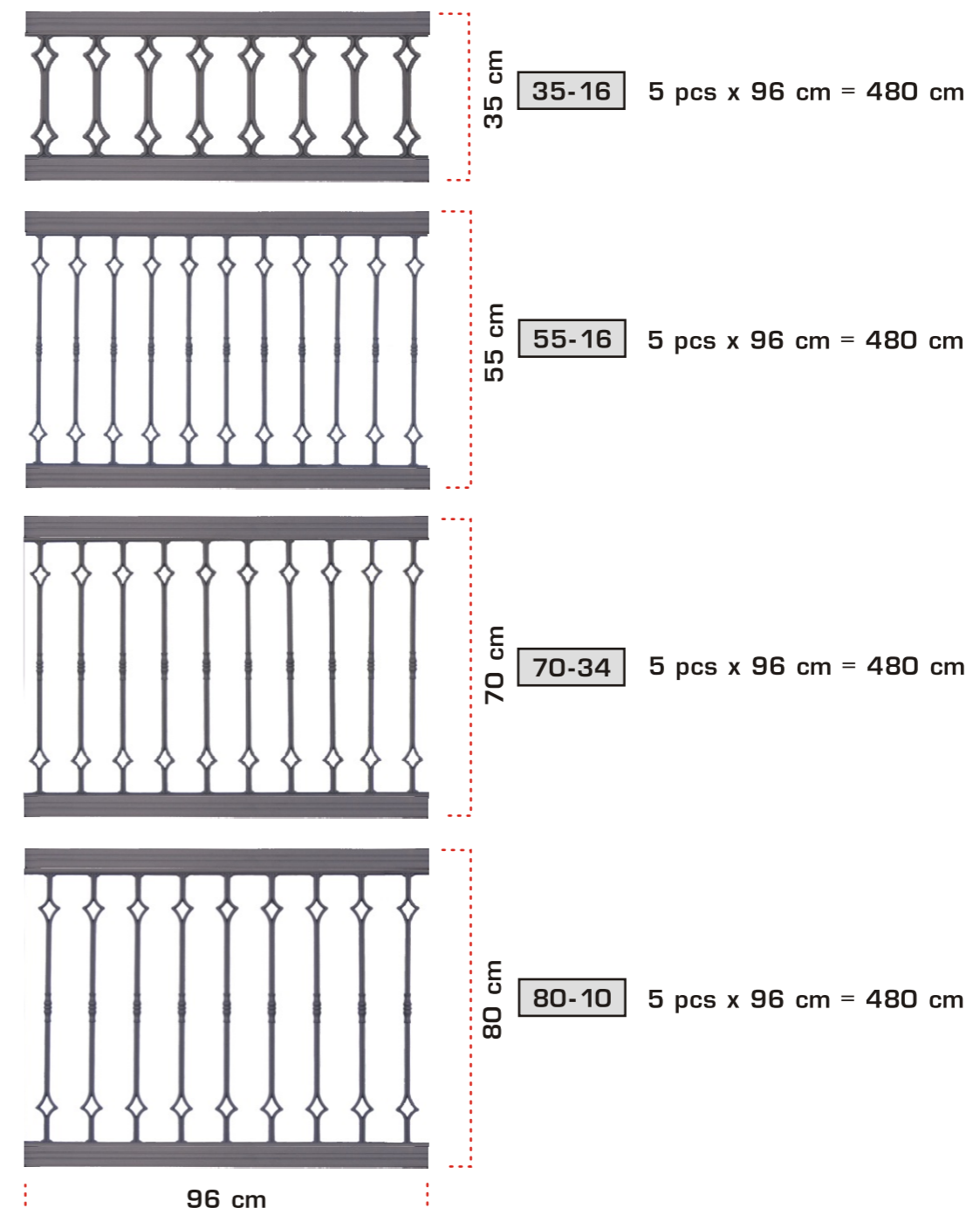
psatha modules



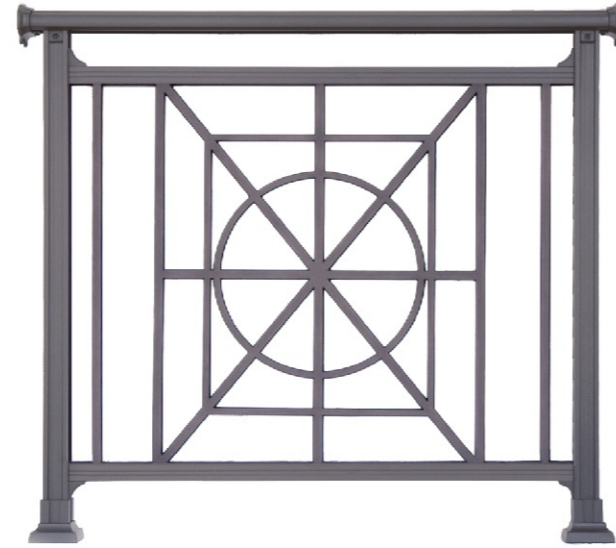
Rail height  
45 - 110 cm



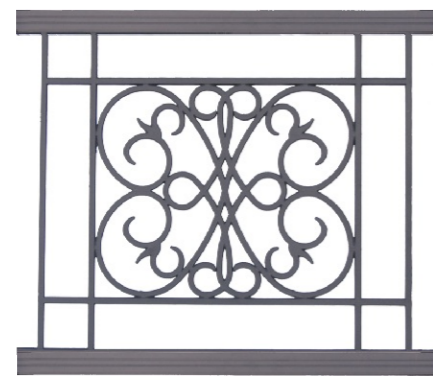
psatha modules



Rail height  
90 - 110 cm



psatha modules



EFESSOS  
80-14 5 pcs x 96 cm = 480 cm

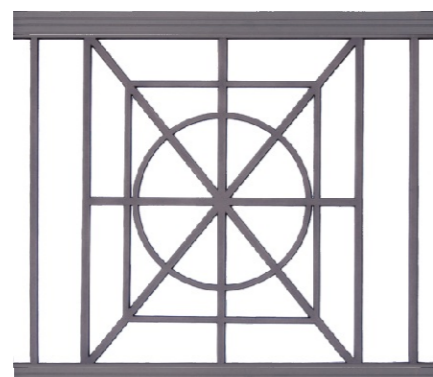
80 cm



AMFOREAS  
80-15 5 pcs x 100 cm = 500 cm

80 cm

100 cm



GEOMETRIC  
80-21 5 pcs x 96 cm = 480 cm

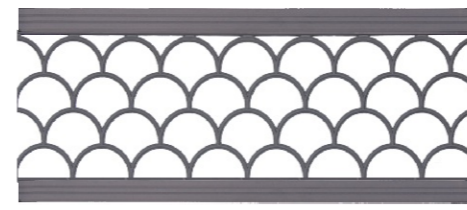
80 cm

96 cm

Rail height  
45 - 80 cm

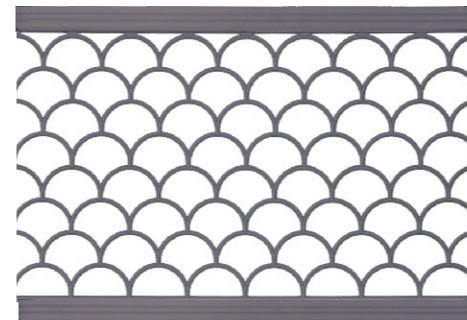


psatha modules



35-12 5 pcs x 96 cm = 480 cm

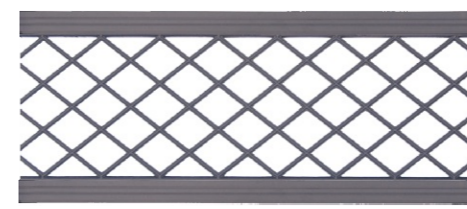
35 cm



55-12 5 pcs x 96 cm = 480 cm

55 cm

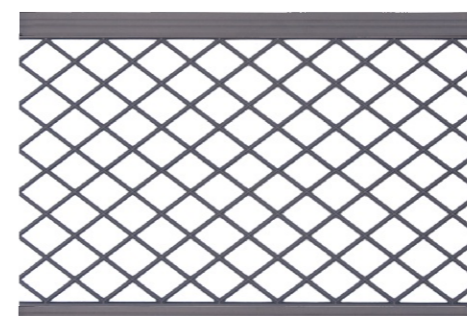
VEDALIA



35-11 5 pcs x 96 cm = 480 cm

35 cm

CHIASTI



55-14 5 pcs x 96 cm = 480 cm

50 cm

96 cm

Rail height  
35 - 100 cm



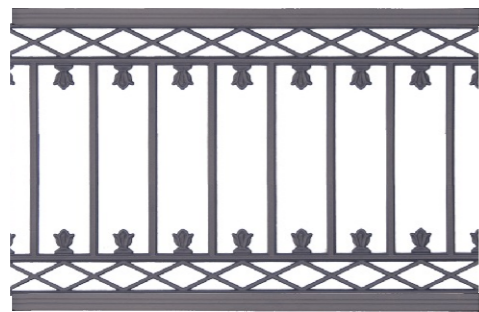
psatha modules



16 cm  
14-05 5 pcs x 96 cm = 480 cm



35 cm  
35-04 5 pcs x 96 cm = 480 cm



55 cm  
55-04 5 pcs x 96 cm = 480 cm



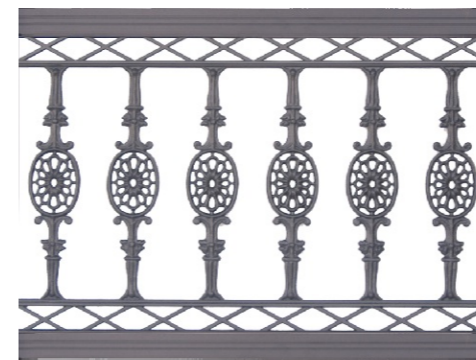
70 cm  
70-01 5 pcs x 96 cm = 480 cm  
Combined with: 70-05, 70-06, 70-07

96 cm

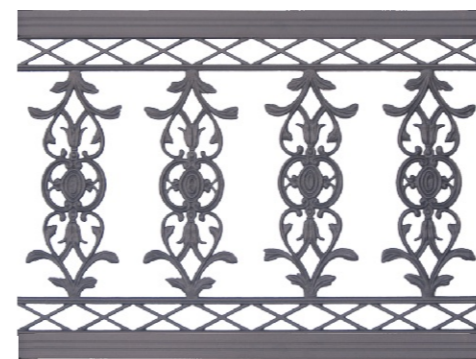
Rail height  
80 - 100 cm



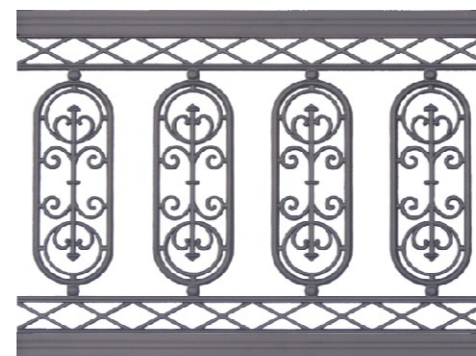
psatha modules



70 cm  
70-02 5 pcs x 96 cm = 480 cm  
Combined with: 70-05, 70-06, 70-07



70 cm  
70-03 5 pcs x 96 cm = 480 cm  
Combined with: 70-05, 70-06, 70-07



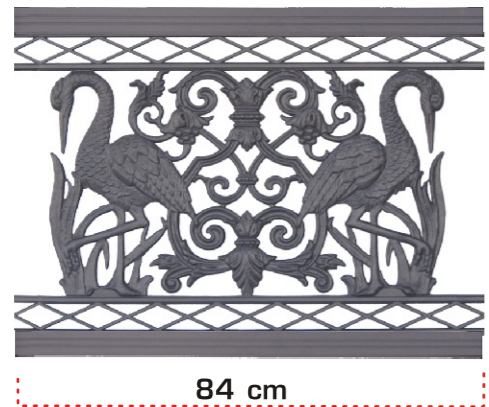
70 cm  
70-04 5 pcs x 96 cm = 480 cm  
Combined with: 70-05, 70-06, 70-07

96 cm

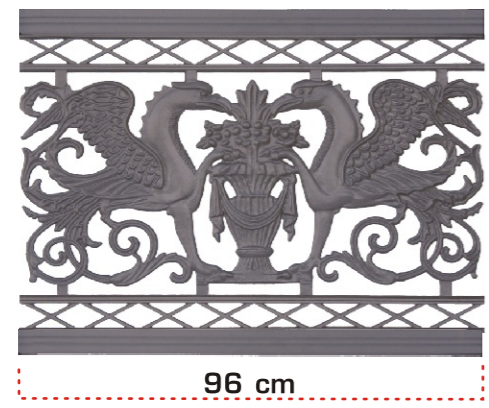
Rail height  
80 - 100 cm



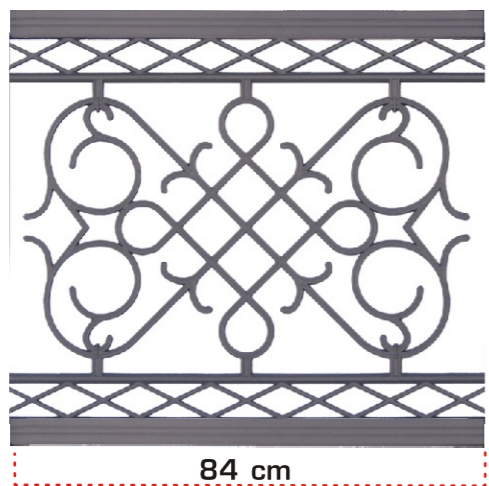
psatha modules



**70-05** **HERON**  
2 pcs x 108 cm = 216 cm  
Combined with: 70-01  
70-02  
70-03  
70-04



**70-06** **DRAGON**  
Combined with: 70-01  
70-02  
70-03  
70-04



**70-07** Combined with: 70-01  
70-02  
70-03  
70-04

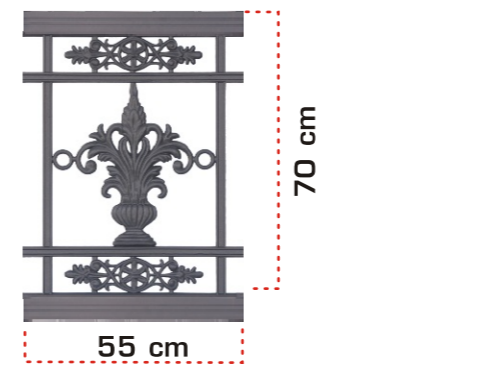
Rail height  
30 - 100 cm



psatha modules



**17-07** **ROZETTE**  
5 pcs x 84 cm = 420 cm



**70-21** **FLOWER POT**  
9 pcs x 55 cm = 495 cm  
Combined with: 70-10  
70-20

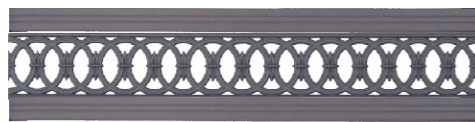


**70-20** 2 pcs x 108 cm = 216 cm  
Combined with: 70-21  
70-10

Rail height  
30 - 110 cm



psatha modules



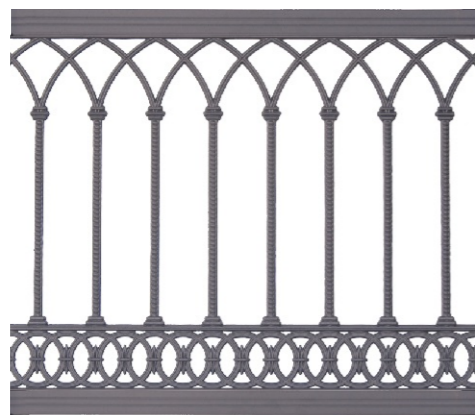
19 cm

**19-09** 5 pcs x 96 cm = 480 cm  
Combined with: 80-04  
70-38



70 cm

**70-38** 5 pcs x 96 cm = 480 cm



80 cm

**80-04**

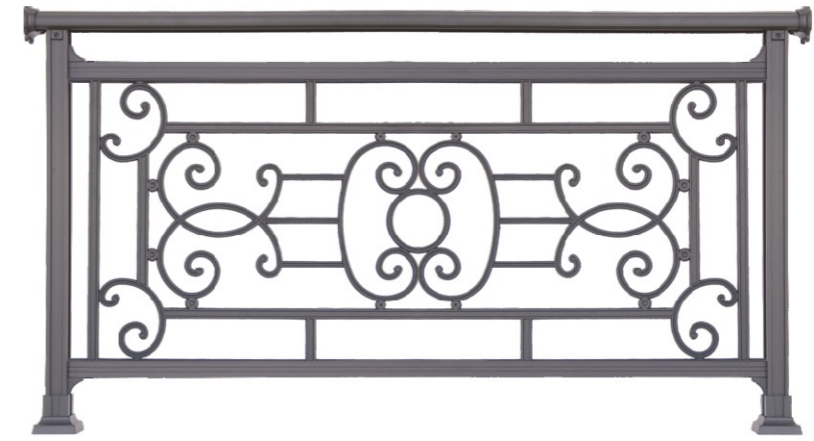


70 cm

**70-10** LINEAR  
5 pcs x 96 cm = 480 cm  
Combined with: 70-16 70-20  
70-17 70-21  
70-18 70-22  
70-19 70-23

96 cm

Rail height  
50 - 100 cm



psatha modules



35 cm

**35-10** ANTHODESMI

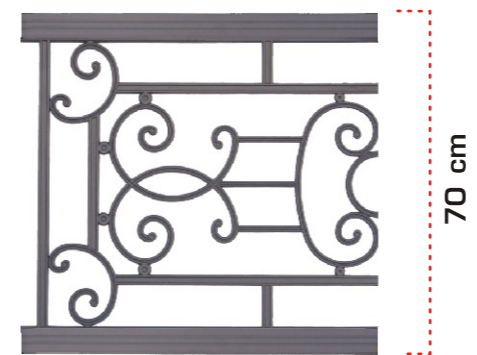
61 cm



70 cm

**70-14** DOLPHIN  
5 pcs x 96 cm = 480 cm

96 cm



70 cm

**70-32** 6 pcs x 79 cm = 474 cm  
Combined with: 70-10

79 cm

gottrich

eidurfrío

Rail height  
60 - 80 cm



psatha modules



47,5 cm

**1075** 5 pcs x 96 cm = 480 cm  
Combined with: 55-06



42 cm

**42-02** 5 pcs x 84 cm = 420 cm  
Combined with: 42-01

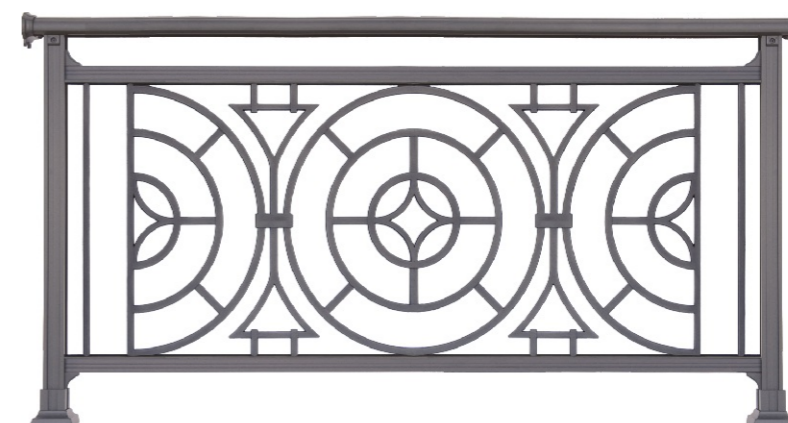


54 cm

**55-11** 8 pcs x 60 cm = 480 cm  
Combined with: 55-10

60 cm

Rail height  
80 - 110 cm



psatha modules

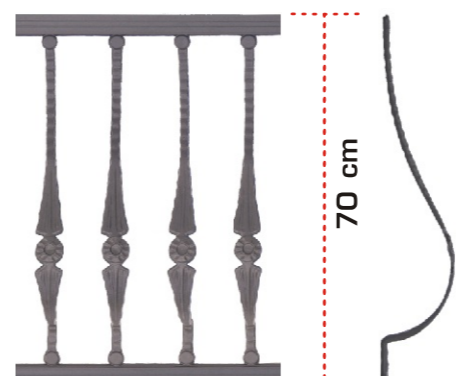


70 cm

**KARAVOLO WITH SAITA**

**70-27** 5 pcs x 88 cm = 440 cm

88 cm



70 cm

**VENITIAN**

10 pcs x 47 cm = 470 cm

47 cm

**70-15**

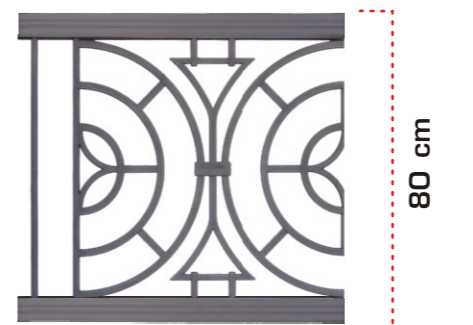
11,5cm



80 cm

47 cm

**80-25**



80 cm

96 cm

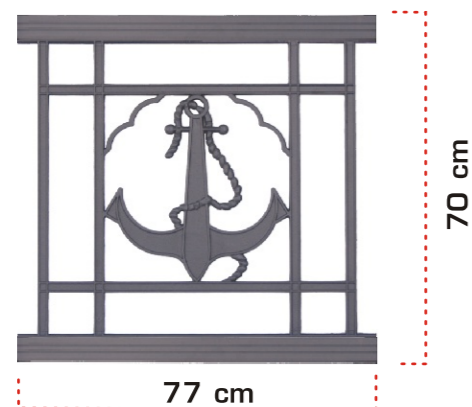
**80-20** 5 pcs x 96 cm = 480 cm



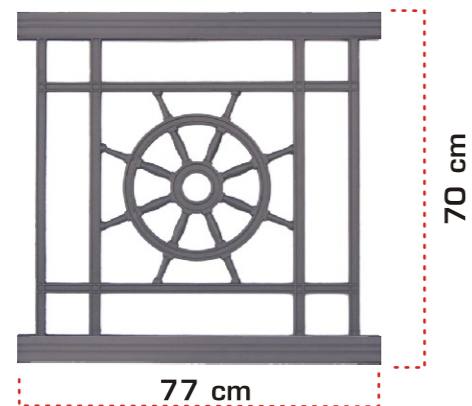
Rail height  
80 - 100 cm



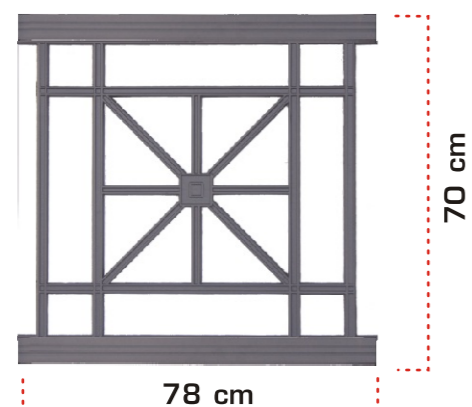
psatha modules



**ANCHOR**  
70-18 6 pcs x 77 cm = 462 cm  
Combined with: 70-10  
70-16  
70-17  
70-19



**WHEEL**  
70-19 6 pcs x 77 cm = 462 cm  
Combined with: 70-10  
70-16  
70-17  
70-18

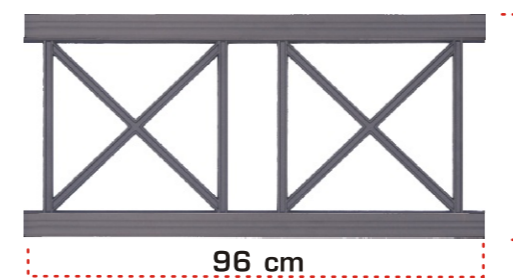


70-16 6 pcs x 78 cm = 468 cm  
Combined with: 70-10  
70-18  
70-19

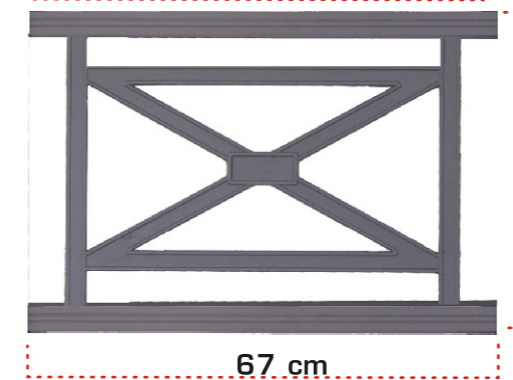
Rail height  
50 - 100 cm



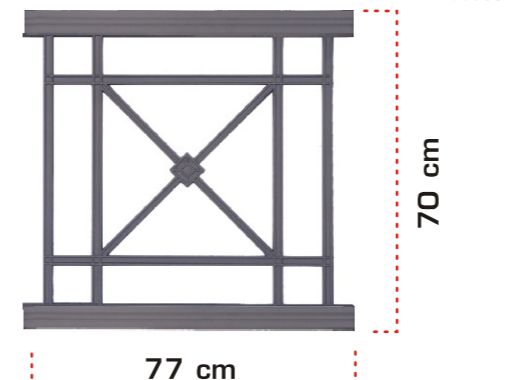
psatha modules



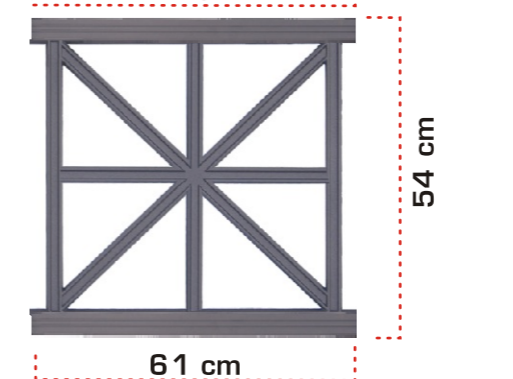
**CLASSIC**  
42-01 5 pcs x 96 cm = 480 cm  
Combined with: 42-02



**CHRIMATISTIRION**  
55-06 7 pcs x 67 cm = 480 cm  
Combined with: 1075



**DORIC**  
70-17 6 pcs x 77 cm = 462 cm  
Combined with: 70-10  
70-18  
70-19

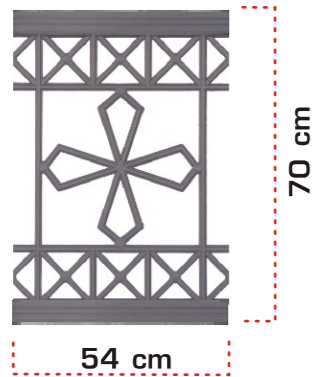


55-10 8 pcs x 61 cm = 488 cm  
Combined with: 55-11

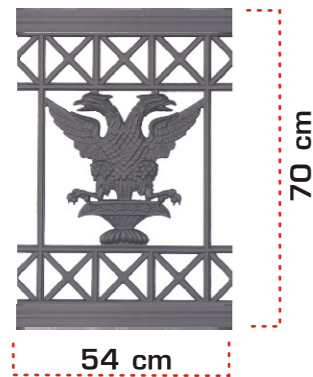
Rail height  
80 - 110 cm



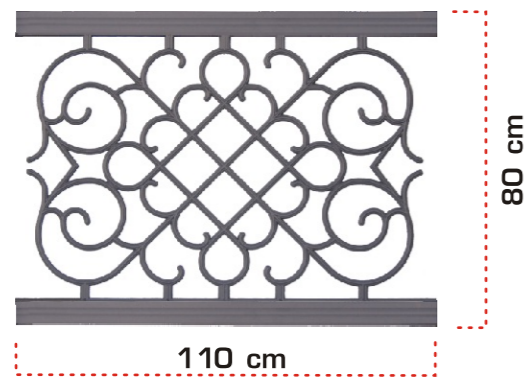
psatha modules



**CROSS**  
70-22 9 pcs x 54 cm = 486 cm  
Combined with: 70-11



**DIKEPHALOS**  
70-23 9 pcs x 54 cm = 486 cm  
Combined with: 70-11

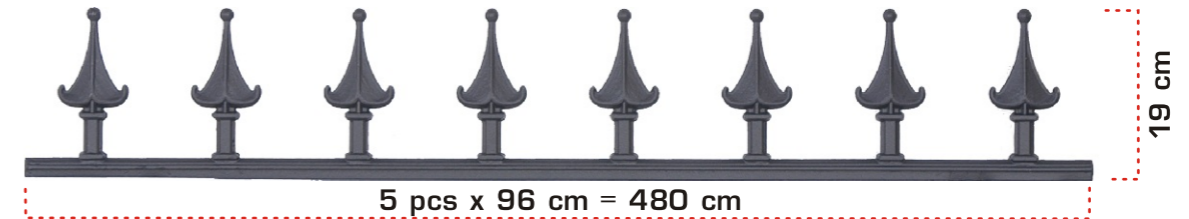


80-02 Combined with: 80-03



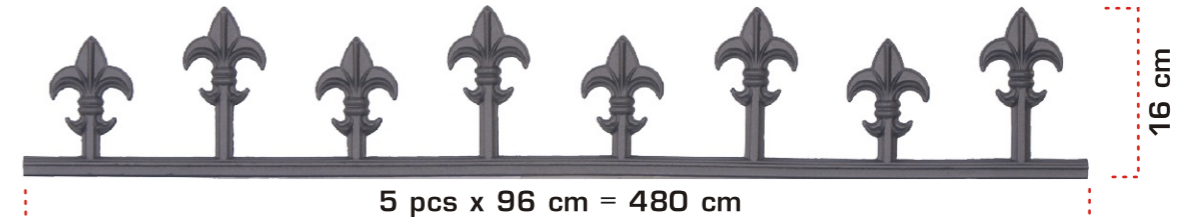
239

- DORY -



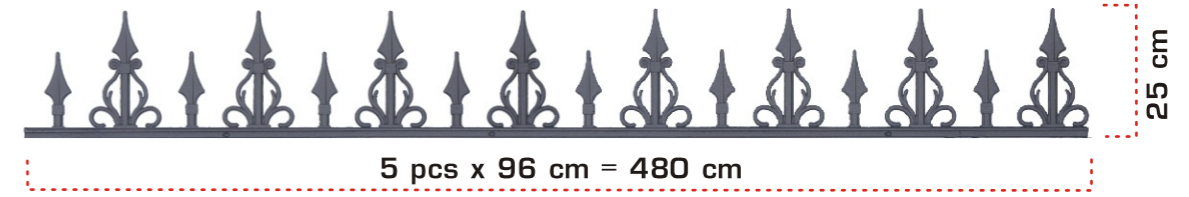
19-10

- AKRO LONGHIS -



16-11

- SPATHA -



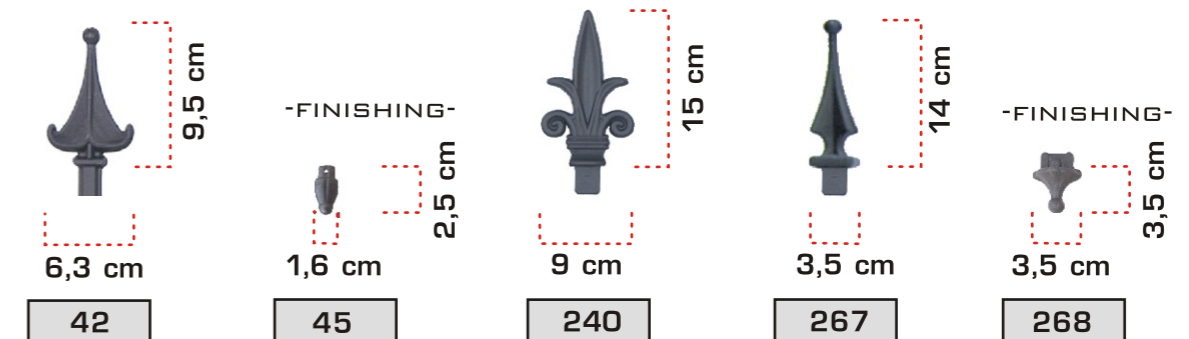
16-12

- KAMBANA -



13-13

- LONGHI -



buzantine

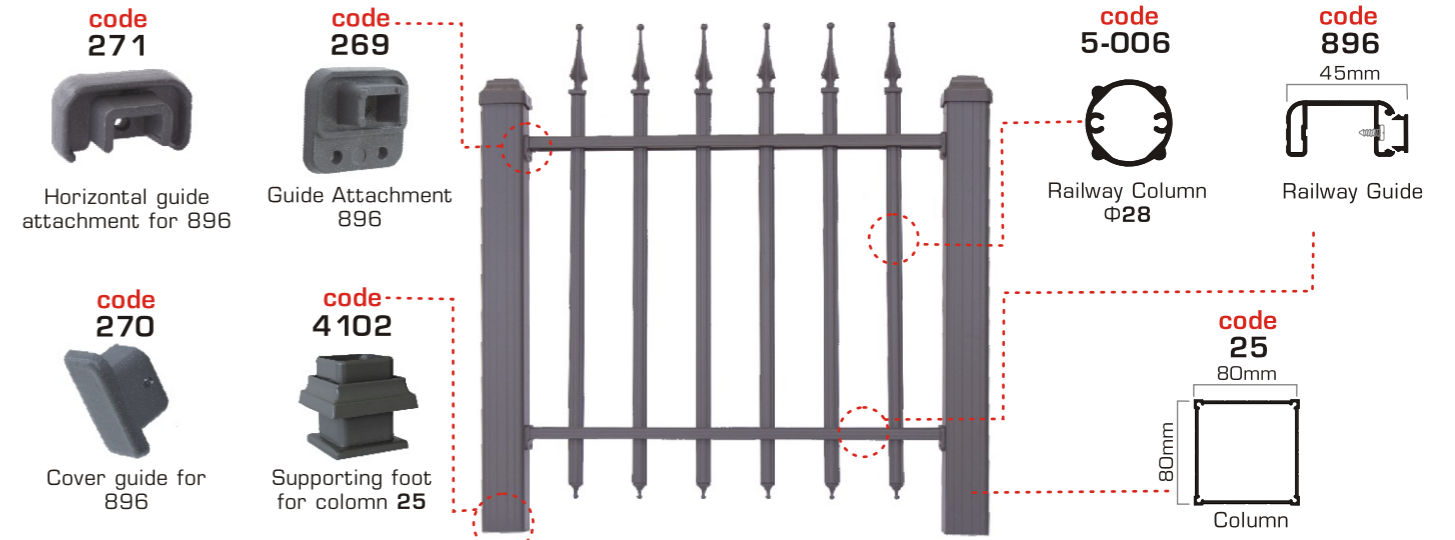
longhi

# aluminco fencing combinations



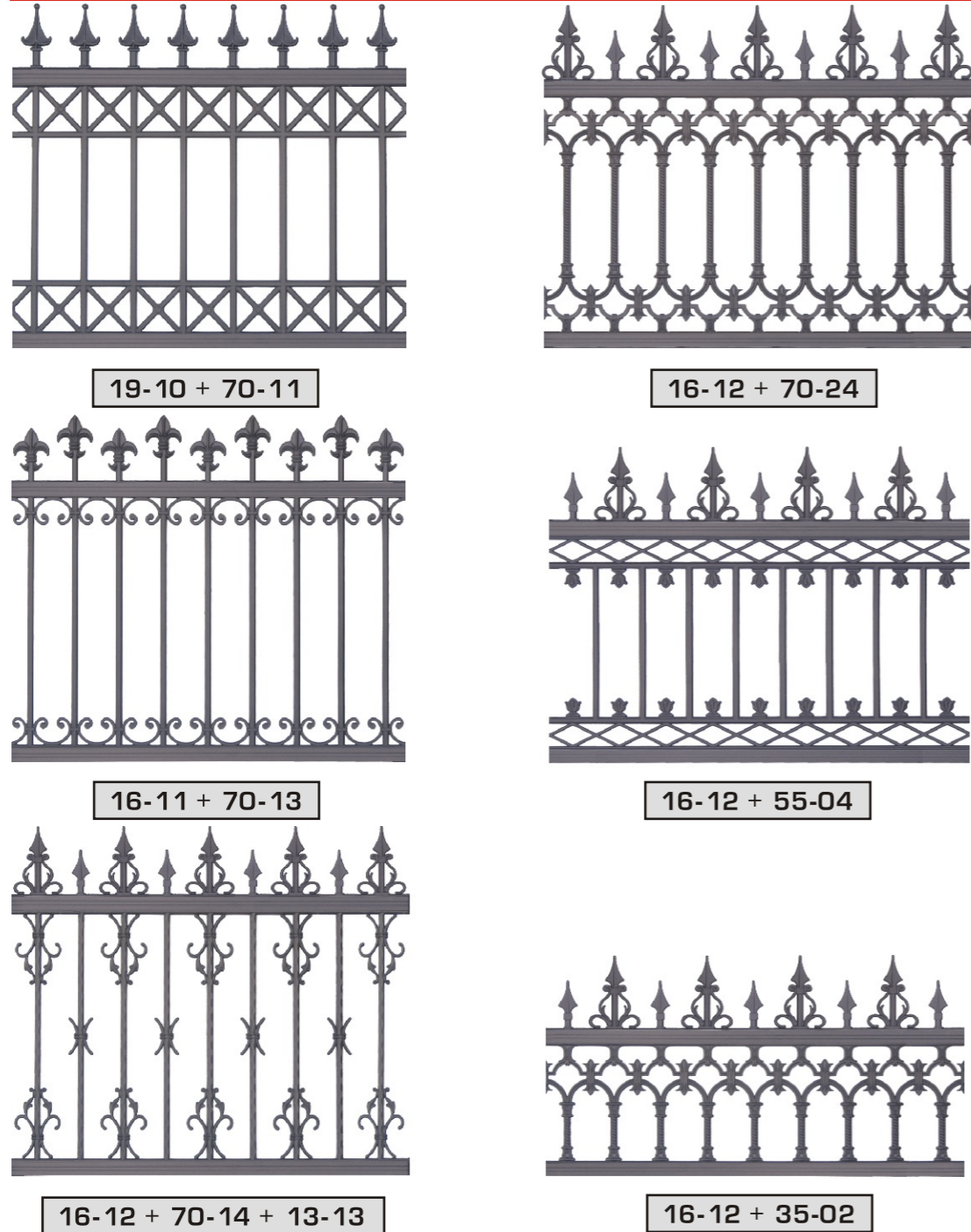
# fences

# aluminco fencing combinations



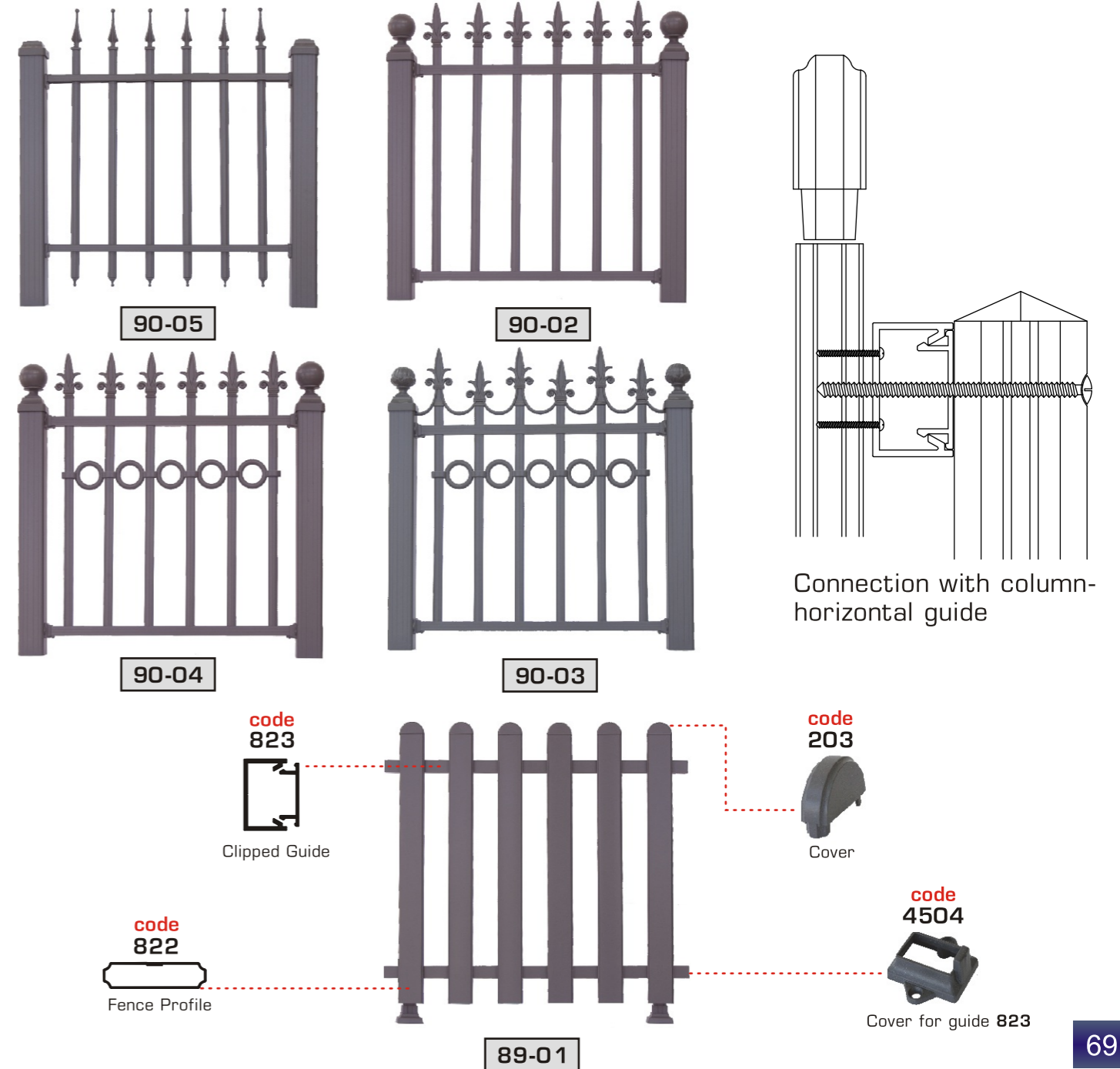
## psatha fencing combinations

FENCE HEIGHT FROM 30cm UP TO 120cm



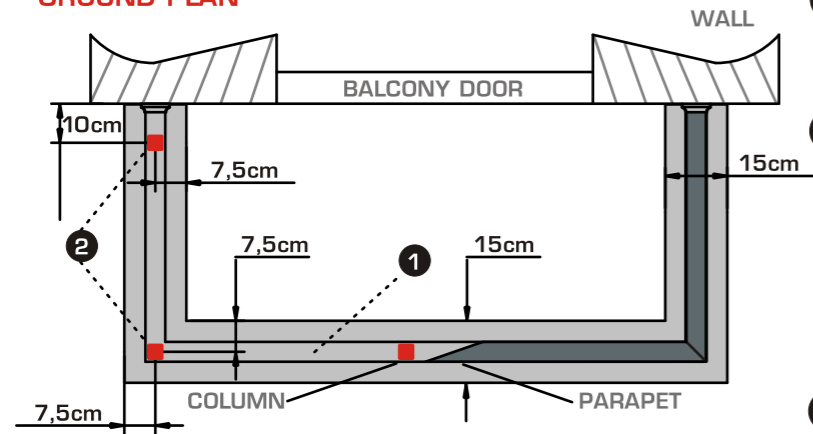
## psatha fencing combinations

FENCE HEIGHT FROM 30cm UP TO 200cm



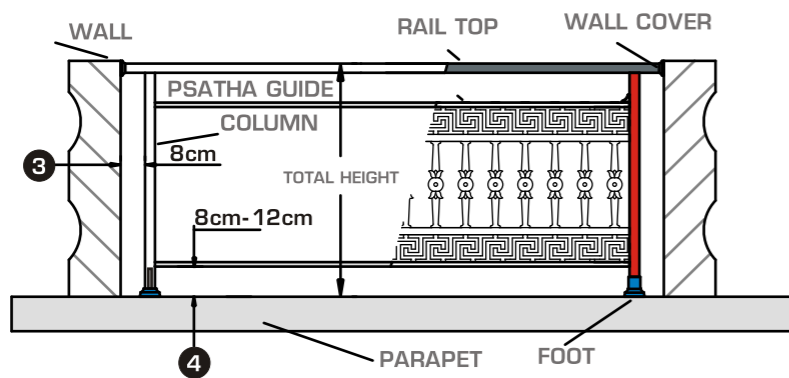
# ways to measure & install rails - gates

## GROUND PLAN



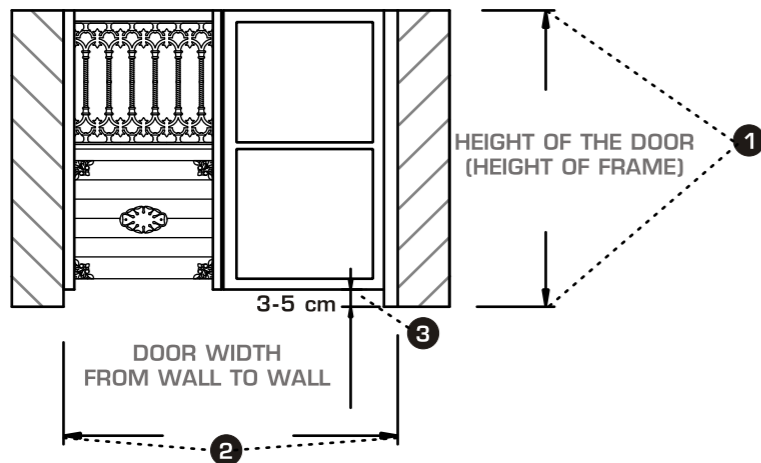
- 1 The rail is installed in the center of the balcony parapet.
- 2 The measurements are taken from the wall to the centre of the column and afterwards to the centre of the next column.

## FRONT VIEW



- 3 The distance between the wall and the external side of the column must be 8cm.
- 4 The space between the ground and the bottom of the guide must be:
  - minimum 8cm
  - (if we are using a supporting foot)
  - maximum 12cm.

## FRONT VIEW



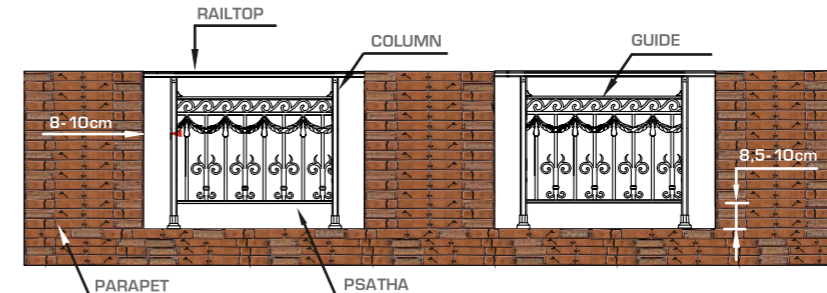
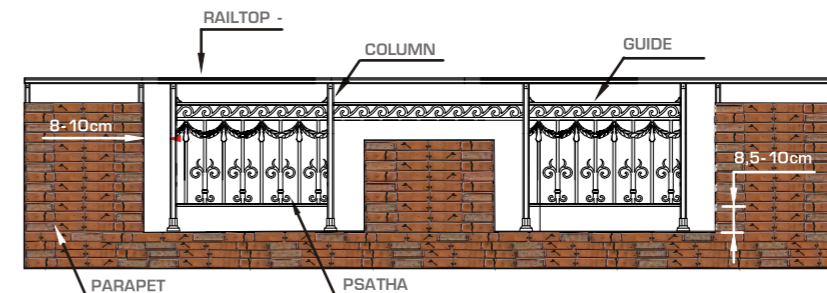
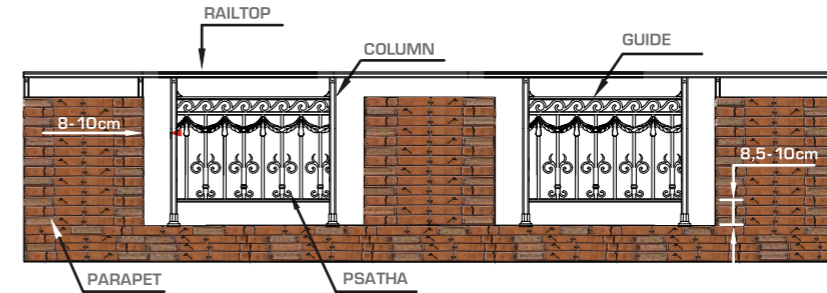
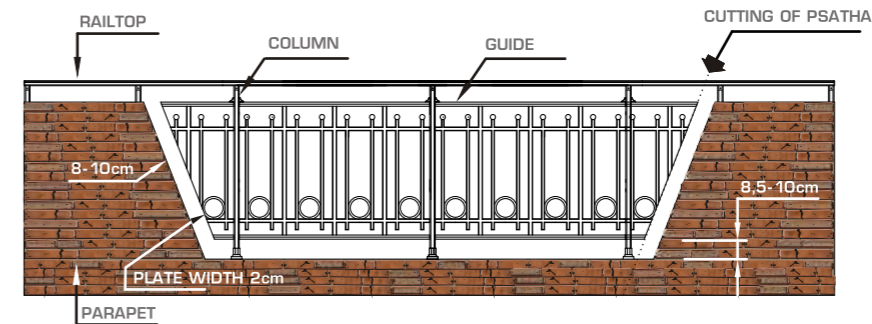
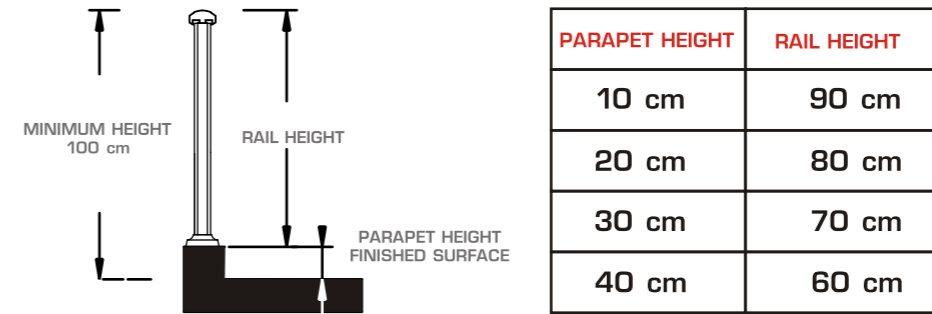
### NECESSARY INFORMATION REQUIRED FOR GATES

- Opening gate - Sliding gate.
- Single - Double.
- Opening direction of the gate when looking on from the outside To the left To the right.

- 1 The height of the gate is measured from the ground to the top part of the frame.
- 2 The width is measured from wall to wall.
- 3 The space between the ground and the bottom part of the gate should be between 3cm to 5cm.

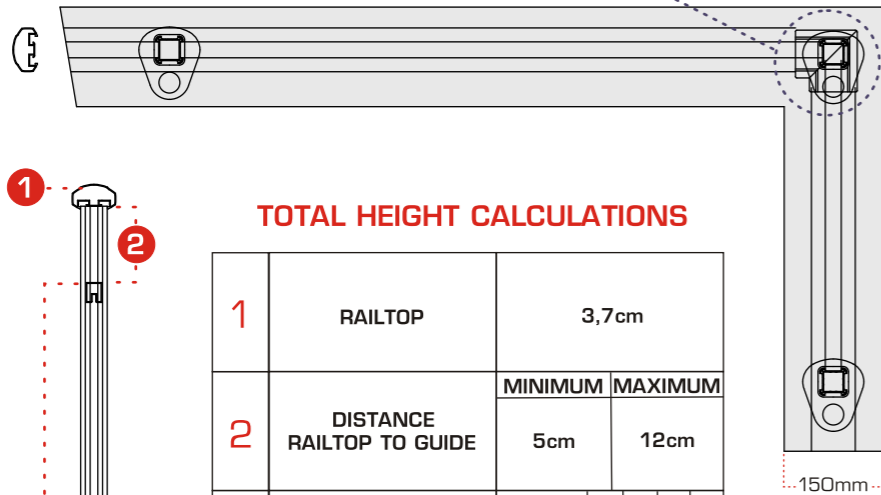
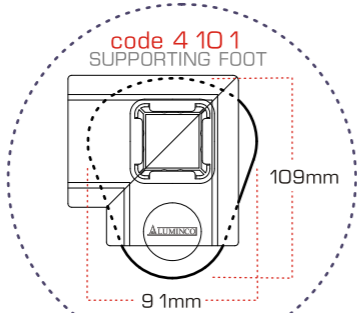
RAILTOP - ΚΟΥΠΑΣΤΗ  COLUMN - ΚΟΛΩΝΑ  SUPPORTING FOOT - ΠΕΛΜΑ  
 PARAPET - ΣΤΗΘΑΙΟ  WALL - ΤΟΙΧΟΣ  PSATHA GUIDE - ΟΔΗΓΟΣ ΨΑΘΑΣ

# specific cases



ways to measure & install rails - gates

JOINT-CORNER 90 FOR RAILING

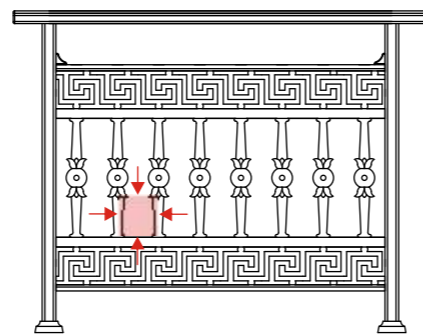


TOTAL HEIGHT CALCULATIONS

1	RAILTOP	3,7cm				
		MINIMUM	MAXIMUM			
2	DISTANCE RAILTOP TO GUIDE	5cm	12cm			
3	PSATHA OR AL-FLEX HEIGHT	AL- FLEX	55	65	75	85
		PSATHA	35	55	70	80
4	DISTANCE GUIDE TO GROUND	MINIMUM	MAXIMUM			
		7cm	10cm			

**A** Suggested parapet width 150mm. Installation of supporting base should be in center alignment.

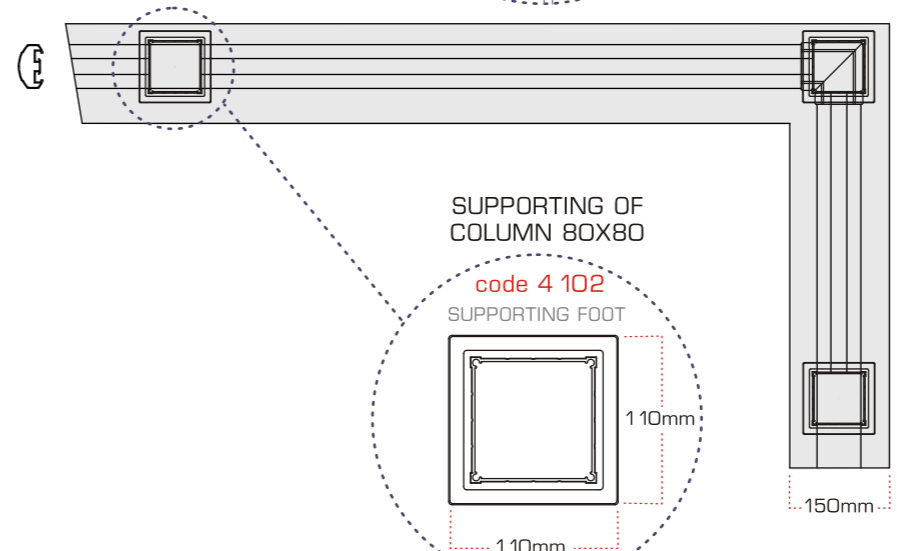
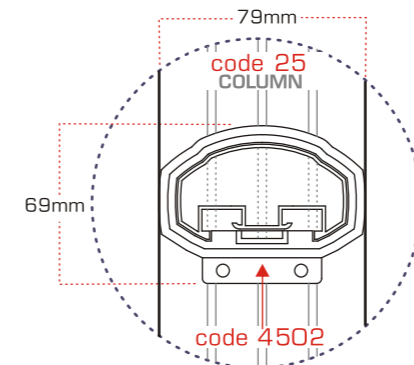
**B** In case of parapet width 120mm, installation of supporting base should be 10mm from the edge.



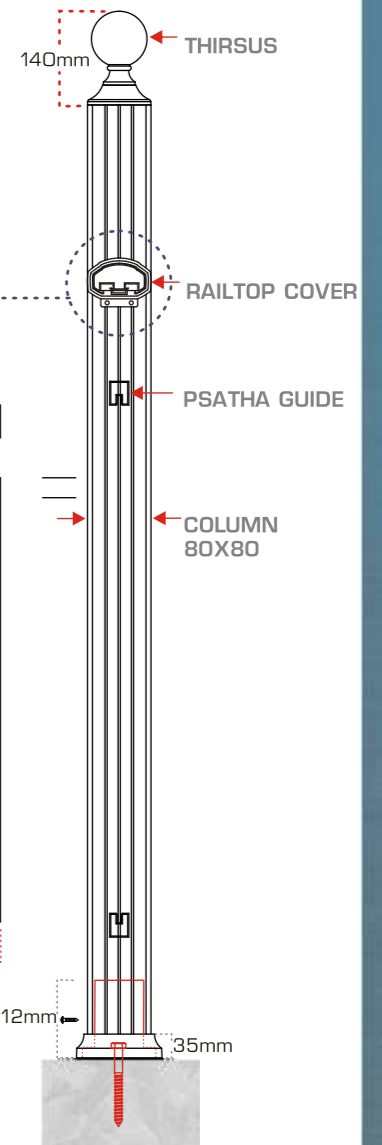
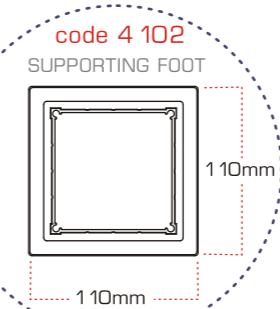
REGULATIONS

According to the international building regulations, there should not be any greater opening than 10X 10cm. Furthermore, there are no horizontal sections in any of the models, which would create a step for a child and thus endanger his safety. In the case of AVANT GARDE, the bottom horizontal part is 45cm which complies with the safety rules.

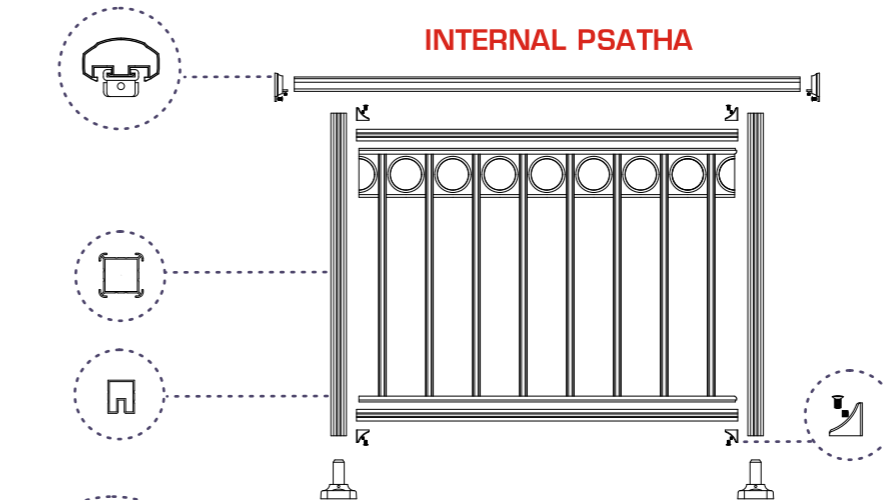
END-FINISHING RAILING FOR COLUMN 80X80 OR SIDE WALL



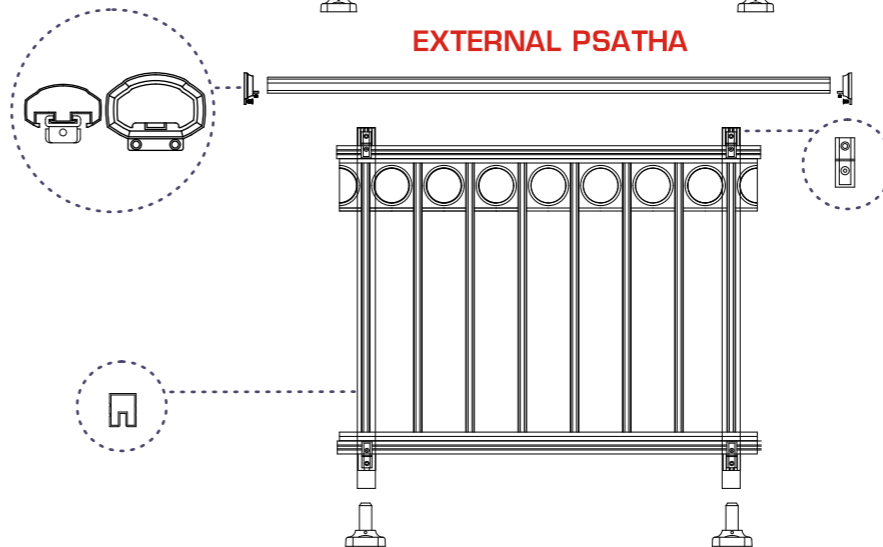
SUPPORTING OF COLUMN 80X80



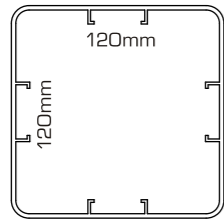
INTERNAL PSATHA



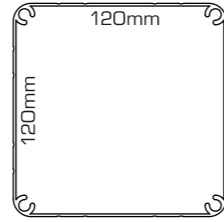
EXTERNAL PSATHA



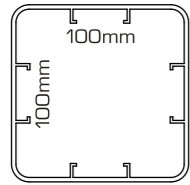
## columns & accessories



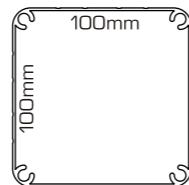
**code 890**  
Supporting column 120X120  
combined with cover No262



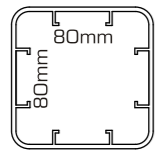
**code 901**  
Supporting column 120X120  
combined with cover No262



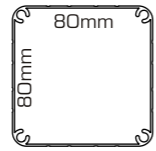
**code 889**  
Supporting column 100X100  
combined with cover No261



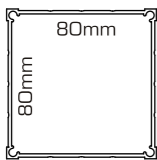
**code 900**  
Supporting column 100X100  
combined with cover No261



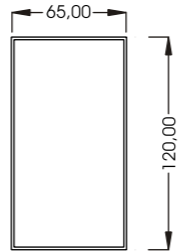
**code 882**  
Supporting column 80X80  
combined with cover No260



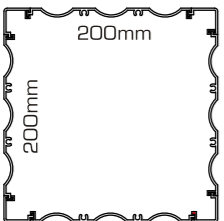
**code 914**  
Supporting column 80X80  
combined with cover No260



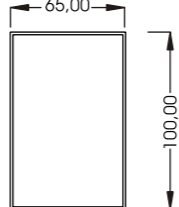
**code 25**  
Supporting column 80X80  
combined with cover  
No31 & 19 and base No28



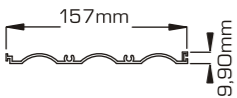
**code 59-026**  
Standard profile



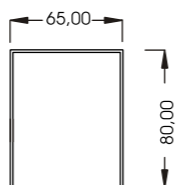
Supporting column  
200X200mm.  
Consists of 4 pieces  
No53 & 4 pieces of No54



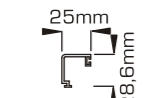
**code 59-027**  
Standard profile



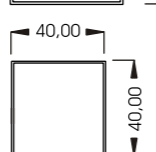
**code 53**



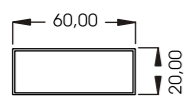
**code 59-028**  
Standard profile



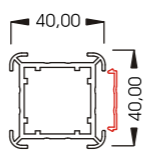
**code 54**



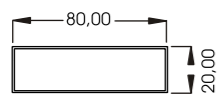
**code 29-047**  
Standard profile



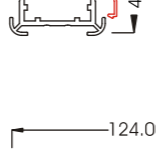
**code 59-010**  
Standard Profile



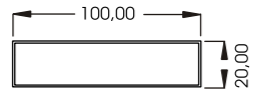
**code 923**  
Supporting column



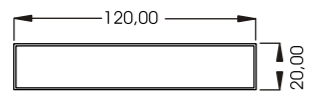
**code 59-051**  
Standard Profile



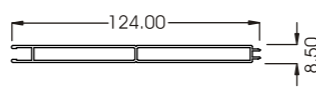
**code 921**  
Cover column 923



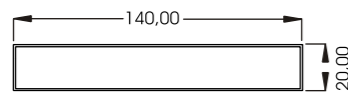
**code 59-038**  
Standard Profile



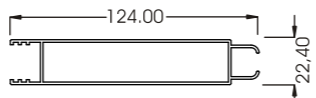
**code 59-004**  
Standard Profile



**code 99-044**  
Profile

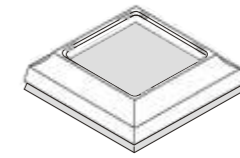
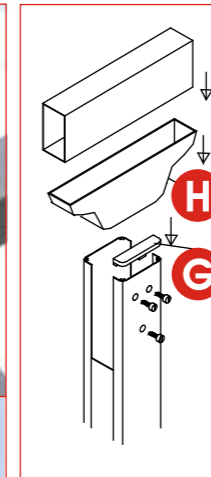
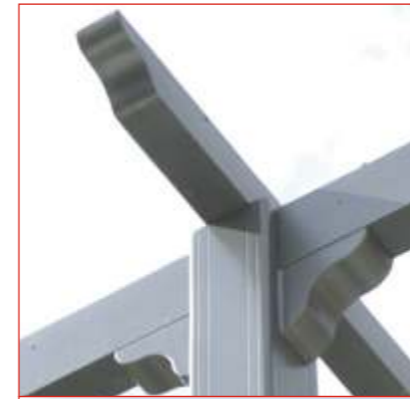
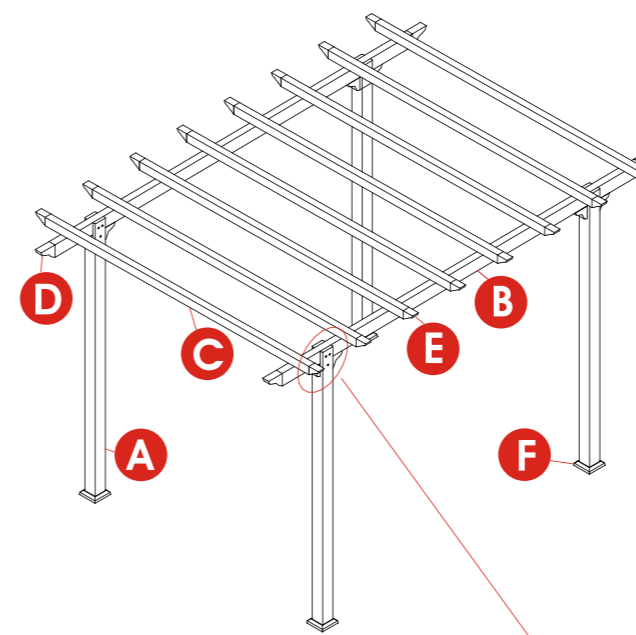


**code 59-052**  
Standard Profile



**code 99-045**  
Profile

## pergola

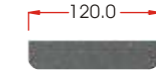


**Supporting foot foot column**

**code 4103** For column 882&914

**code 4104** For column 889&900

**code 4105** For column 890&901



**code 272-221**  
Cover for column 890 & 901



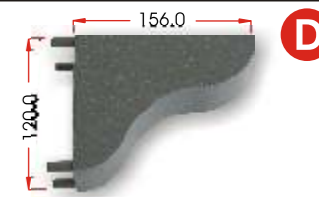
**code 272-220**  
Cover for column 889 & 900



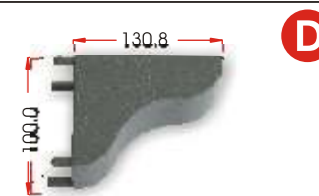
**code 272-219**  
Cover for column 882 & 914



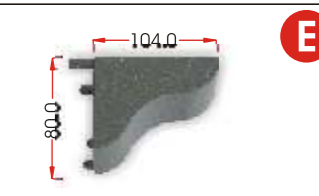
**code 272-200**  
Supporting base for column



**code 272-212**  
End finishing for column 59-026



**code 272-211**  
End finishing for column 59-027



**code 272-210**  
End finishing for column 59-028

