



Gaudi
interior and facade
mouldings

DECORATIVE BALUSTRADE

Installation manual for foam
polyurethane decorative elements

FOR DECORATING WALLS AND CEILINGS

Tools and materials



1 power screwdriver

2 drill

3 construction stapler

4 mitre saw

5 safety knife

6 scraper

7 round-nose pliers

8 hammer

9 adjustable spanner

10 tape measure

11 spirit level

12 pencil

13 applicator gun

14 Evroplast adhesive for Bonding joints

15 Evroplast adhesive Multipurpose

16 Ø20 mm and Ø16 mm drill bits, Ø12 mm drill bits for concrete or stone

17 self-tapping screws, screw anchors

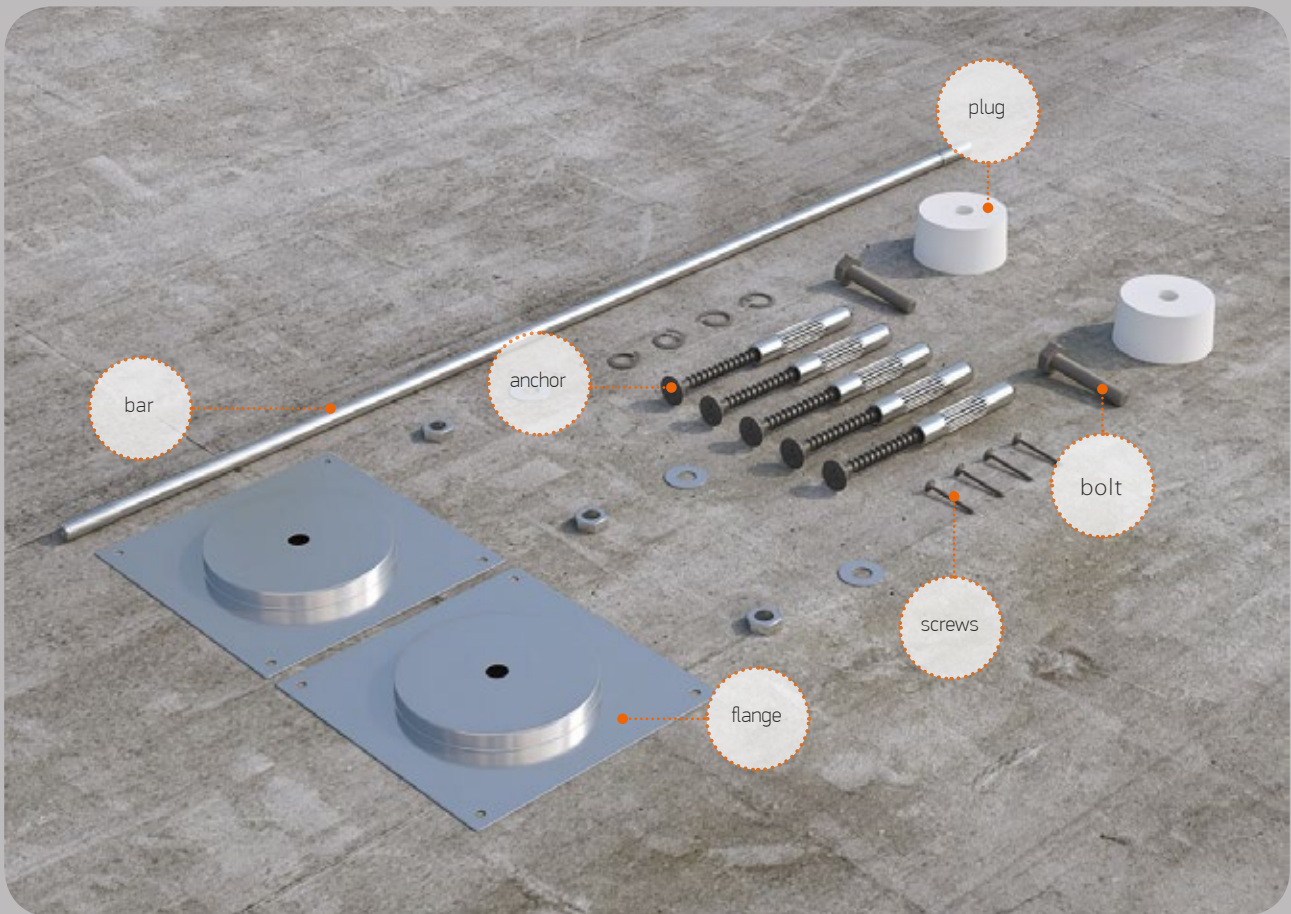
18 fine and medium sandpaper

19 cloth

20 white fine-grain putty

21 acetone, paint thinner

Balustrade mounting kit*



name	qty
flange 165x165x3	2 pcs.
nut M20	3 pcs.
anchor 12 x100	4 pcs.
washer 20	3 pcs.
split washe 20	3 pcs.
plug 63x59	2 pcs.
self-tapping screw 4x35	4 pcs.
self-tapping screw 4x35 (sharp, countersunk head)	4 pcs.
self-tapping screw 6x120 (sharp, countersunk head, incomplete thread)	4 pcs.
bolt M16x80	2 pcs.
bar Ø20 (M20x100 both sides)	1 pcs.

A set of balustrades with a pyramid cover

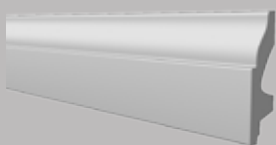


4.71.201
BALUSTER



90×789×90

4.79.101
PILLAR MOULDING



2000×66×20

4.75.201
COLUMN SHAFT



180×1020×180

4.78.101
FOOTPIECE



240×60×184

4.72.201
HANDRAIL



3000×100×150

4.74.201
BASE



3000×88×140

4.73.201
CAP



220×50×220

4.76.201
PYRAMIDAL CAP



220×70×220

A set of half balustrades with a pyramid cover



4.71.211
HALF BALUSTER



90×789×45

4.75.211
HALF COLUMN SHAFT



180×1020×90

4.72.111
HALF HANDRAIL



3000×110×95

4.73.211
HALF CAP



220×50×110

4.01.131
HALF BASE



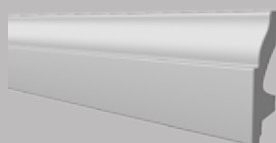
115×15×115

4.76.211
PYRAMIDAL HALF CAP



220×70×110

4.79.101
PILLAR MOULDING



2000×66×20

A set of balustrades with a ball cover

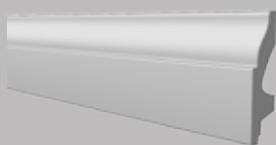


4.71.101
BALUSTER



120×785×120

4.79.101
PILLAR MOULDING



2000×66×20

4.75.101
COLUMN SHAFT



220×1020×120

4.77.101
BALL SHAPED CAP



B: 235; ø: 180

4.72.101
HANDRAIL



3000×190×110

4.74.101
BASE



3000×100×180

4.78.101
FOOTPIECE



240×60×184

4.73.101
CAP



268×55×268

4.76.101
PYRAMIDAL CAP



270×83×270

A set of half balustrades with a pyramid cover



4.71.111
HALF BALUSTER



120×785×60

4.75.111
HALF COLUMN SHAFT



220×1020×110

4.72.111
HALF HANDRAIL



3000×110×95

4.73.111
HALF CAP



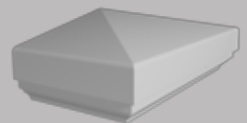
268×55×134

4.01.131
HALF BASE



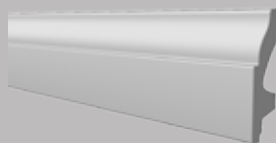
115×15×115

4.76.111
PYRAMIDAL HALF CAP



270×85×135

4.79.101
PILLAR MOULDING



2000×66×20

4.78.101
FOOTPIECE



240×60×184

RECOMMENDATIONS BEFORE STARTING WORK

With the help of this manual you will be able to successfully install foam polyurethane decorative elements having just basic knowledge in renovation or construction.

To install the elements you will need an even, smooth surface precoated with a primer. First remove the damaged pieces of old coating and even out the surface with putty or plaster filler. Then coat the surface with an outdoor primer.

Remember that an even, smooth surface is the key to successful installation and long-lasting results.

While installing the item, the environment temperature shall be above -10°C (14°F). Recommended air humidity is 40% or higher.

Please follow the manual and use fastening tools and adhesives recommended by the manufacturer: for mounting use Evroplast Multipurpose, for joints use Evroplast for Bonding joints.

ADHESIVE



MULTIPURPOSE ADHESIVE
290 ml



ADHESIVE FOR BONDING JOINTS
60 ml

The following information is relevant for Evroplast adhesives. If you use other adhesives, follow manuals on it's package.

Work performance conditions: the temperature while performing the works and the next 24 hours must be at least + 8°C. Indoor relative air humidity must be 40%. It is required to keep the product in the room for 24 hours at least.

Requirements to the surface: prepared surface must be dry, degreased, cleaned from dust. Weak mineral substrates should be pre-strengthened by suitable primer.

How to install a balustrade

1



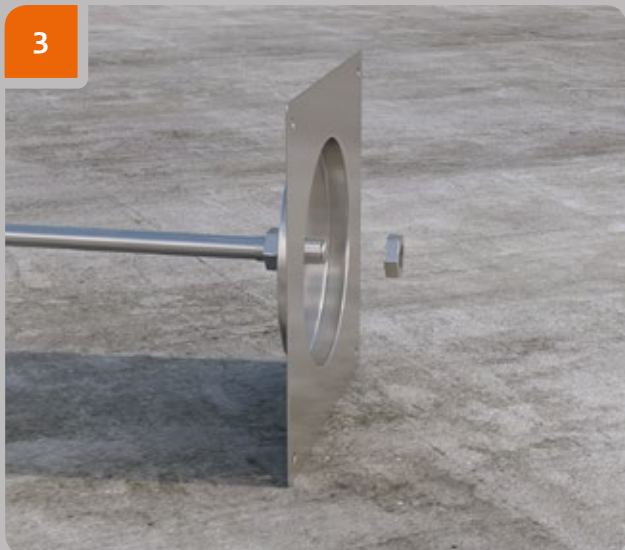
Make pencil marks at the handrail and the bottom rail where the baluster guiderails will be installed.

2



Use the Ø20 mm drill bit.

3



Install the bar into the flange.

4



Fasten the flanges to the surface with the help of anchor bolts.

FOR DECORATING WALLS AND CEILINGS



Install the newels (don't mount them).



Clean out the dust and dirt from the ends of the adjoining items with a wet cloth.



Evenly apply the adhesive onto the joint sides (Evroplast for Bonding joints) and the underside (Evroplast Multipurpose) of the bottom rail.



To install the newels into the bottom rail use Evroplast for Bonding Joints.

How to install a balustrade



9

Secure with self-tapping screws.



10

With the help of anchor bolts fasten the bottom rail to the mounting surface using the pre-drilled holes.



11

Apply Evroplast for Bonding joints onto the bottom side of the balusters.



12

Install the balusters into the bottom rail.

FOR DECORATING WALLS AND CEILINGS

13



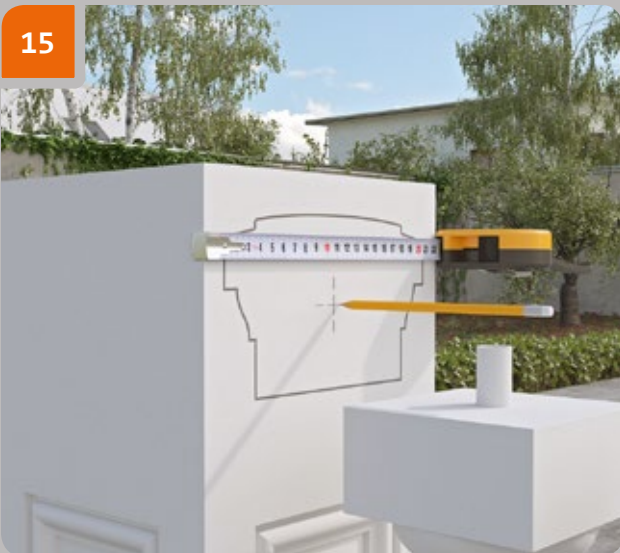
Install the handrail (don't apply the adhesive yet).

14



Mark the outline of the handrail.

15



Make a mark where a bolt shall be anchored.

16



Drill a Ø12 mm hole.

How to install a balustrade

17



Install a plug into the handrail.

18



Screw the plug to the handrail using self-tapping screws.

19



Apply Evroplast for Bonding joints onto the top (adjoining to the handrail) sides of the balusters.

20



Apply the adhesive onto the ends of the handrail.

FOR DECORATING WALLS AND CEILINGS



21

Mount the handrail.



22

Fasten the newel to the handrail with a bolt.



23

Secure the flange on the newel with a nut and self-tapping screws.



24

To install a newel cap use Evroplast for Bonding joints.

How to install a balustrade



25

Remove excessive glue with a cloth damped with acetone.



26

Following a manufacturer's manual paint the item.

Customizing the item to a certain radius



27

Order the item without an internal support tube.



28

Make marks on the item following the radius table (see below).

Spacing	Hand- and bottom rail bending radius
20 mm.	0,5 m.
40 mm.	1 m.
60 mm.	1,5 m.

FOR DECORATING WALLS AND CEILINGS

29



Cut the item leaving about 4 cm uncut.

30



Fill the cuts with Evroplast for Bonding joints so that excessive glue shows up.

31



Place the item onto an even surface according to the radius markings, secure the position of the item.

32



Secure the cuts using a construction stapler.

How to install a balustrade

33



Remove excessive glue with a scraper.

34



Remove excessive glue with a cloth dampened with acetone.

35



Remove the staples 24 hours later.

36



Sandpaper the surface of the item to make it smooth.

FOR DECORATING WALLS AND CEILINGS

37



Fill the cuts with putty.

38



Sandpaper the surface to make it smooth.

39



Continue the installation of the balustrade following the manual.

40



Paint the item following a paint manufacturer's manual.

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