butech
PORCELANOSA Grupo

pro-corner

Metallic profile for protecting wall tiles corners.

Right angle, metallic profiles for protecting corners. Most of the pro-corner models are installed after the tile, which implies a small lip over the tile surface.

Recommended use:

- Trim for corners once the mosaic installed: **pro corner R** / **pro-corner aluminium**.
- Pilaster strip type corner trim: **pro-corner P**
- Residential and public use.
- Permanently damp environments and direct contact with water.
- Do not use in pools.

Materials

- Anodized aluminium.
- Stainless steel.

Substrates

- All substrates suitable for ceramic tiles laying.
- A suitable substrate for laying ceramics with the thin-bed method must be clean, dry, compact, with a rough texture and flat (deviations inferior to 3 mm every 2 m of surface).

Features

pro-corner R
- 90º angle finish.
- Side edge in 25. 30. 40. 50 and 60 mm. The side edge is curved for adjustment against wall tile.
- No side flange. Installed after ceramic wall tile.

pro-corner B
- 90º angle finish.
- Side edge in 25 and 50 mm. The side edge is curved for adjustment against wall tile.
- No side flange. Installed after ceramic wall tile.

pro-corner P
- 90º inner angle finish.
- Profile with cross-shaped cross-section, for pilaster strip type wall corners.
- The same profile has two different sides: 12 and 15 mm
- This profile's cross-shape of makes its installation easier. Installation prior to ceramic tiles.

Profile types

pro-corner anodized aluminium.

Aluminium profile manufactured by extrusion and anodized chemical treatment.

- Features:

  • Silver

  • Matt/Gloss

  • Wall tile

  • Indoor / Outdoor.

- The anodization treatment protects aluminium from rust and limits scratches.

- Protect from any abrasive element which could scratch the exposed profile surface.

- Anodized aluminium profiles are sensible to the combination of dampness and alkaline products like cement mortars. It is recommended to be extremely careful when installing them. Avoid contact with cement mortars as far as possible an clean any mortar stain which affects the exposed edge of the profile as soon as possible.

pro-corner stainless steel

Stainless steel profiles are produced by folding, so their shape is slightly different to that of aluminium or brass profiles. Angles and shapes will always have a rounded finish.

Stainless steel profiles are highly resistant both to mechanical stress and chemical attack. Specially recommended outdoors.

- Features:

  • V2A (1.4301).

  • Matt/Gloss/Brushed

  • Wall tile

  • Indoor / Outdoor.

- The profile is supplied with a plastic film protecting it during installation. Once the profile installed, peel off the film with a cutter.

- Not recommended for use in pools or any other use in direct contact with concentrated chemicals. In any case, we recommend you perform a previous test to check its suitability.

Instructions for use

pro corner R pro-corner aluminium

- Check that the tiles on the corner are well bonded to the substrate. Repair damaged tiles and eliminate possible ledges which could compromise the installation of the pro-corner profile.

- Clean the wall tile surface.

- Bond the profile to the corner with a type p-404, from butech, polyurethane putty bead.

- Press the profile on the wall tile until it is as flush as possible.

- Clean the remainders of putty from the profile.

pro corner P   pro-corner pilaster

Choose the profile according to the tile thickness. We recommend to choose a profile at least 1 mm thicker than the tile.

Fix the profile to the corner.

Lay the tile with the thin-bed method, with adhesive and a notched trowel.

Press the profile flange on the adhesive and check that it is covered by the bonding material.

Level the profile with the tile. Do not leave the profile above the tile level.

As a general rule, we recommend to leave 1 mm joint between the profile and the tile. In stable substrates with no movement risk, a minimum joint can be used.

Before sealing the tiling joints, check that the grouting material chosen does not scratch nor chemically alters the profile surface. If it does, cover the profile with protective tape.

Fill completely the joint between tile and profile with grouting material. Never let the grouting material harden on the profile.

Never use metallic tools or abrasive elements which can scratch the profile surface.

Cut the profile with a hand saw or with a circular saw with a suitable disc. Be extremely cautious when cutting stainless steel profiles.

Cleaning and maintenance

- These profiles do not need cleaning and maintenance different from the tiles in which they are installed.

- Use neutral cleaning products. Do not use products containing hydrochloric or hydrofluoric acid. In any case, we recommend you perform a previous test before use.

- Do not use abrasive or metallic elements which can scratch the profile surface.

Data Sheet Conditions

- This is not a finished product technical sheet. It belongs to a product which, together with others, is the base of a ceramic tile laying system with which professionals perform their job. Instructions in this technical sheet have been written based on our experience and technical expertise, but they have to be considered as general recommendations, which together with those for the rest of the products in the system, help the professionals in their job.

- As it is not possible to know all the features and conditions of a building job, professionals must consider it and, if deemed appropriate, perform a previous test to confirm whether the product is suitable for the job. Specially recommended in applications which imply mechanical stresses or chemical reactions not described in this technical sheet.

- The technical sheet cannot reflect all the applications and conditions entailed in the use of a material, so, in situations not described in this sheet, we recommend to perform a previous test and refer to our technical department.

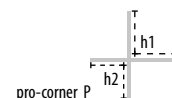- This sheet has been updated in January, 2023.
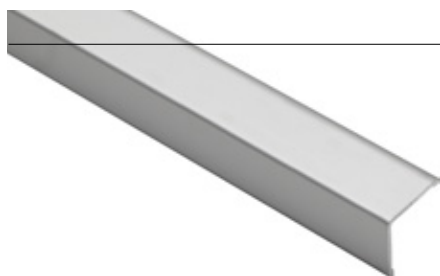
pro-corner

pro-corner B

pro-corner R

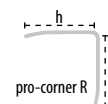pro-corner P (pilaster)

pro-corner P

pro-corner P

Aluminium			
SAP		h1 (mm)	h2 (mm)
100158001	High brightness	15	12
100158002	Silver	15	12
100213125	Black	15	12

pro-corner R

pro-corner R

Gloss stainless steel	
SAP	h (mm)
100005623	25

pro-corner B

pro-corner B
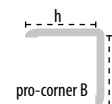
Aluminium	
SAP	h (mm)
100005584	25

Profile length: 2500 mm

Minimum packaging: 10 profiles