

INSTALLATION INSTRUCTIONS

HANDRAIL/STRETCHER PROTECTOR - TEC 026

PRESENTATION

Tecnoperfil supplies the TEC 026 Handrail/Stretcher Protectors in high impact rigid PVC in 4 m sections, with internal galvanized steel reinforcement.

The set is composed of: aluminum brackets, self-drilling screws, finishing terminals, bolt screws and plastic bushings. These components must be assembled on site, as the quantities and spacings will depend on the measurements of the application location. To finish the internal curves, we suggest placing a terminal at each end of the profiles.

IMPORTANT:

the instructions contained in this manual meet NBR 9077 (ABNT), the system resists the application of a force of 900 N vertically (from top to bottom) and horizontally in both directions.

APPLICATIONS

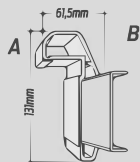
The Handrail/Stretcher Protector system can be installed on masonry walls, concrete blocks, precast panels, wood, steel structures, wood partitions and Dry Wall.

For Dry Wall, wooden partitions and other equivalent systems, first consult the manufacturer of these systems, as there is a need for internal reinforcements for fixing the Handrail/Stretcher Protectors, appropriate to the exertion required by NBR 9077 ABNT.

REQUIRED TOOLS

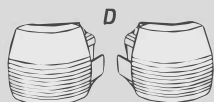
- Drill/Torx screwdriver (TX 30 x 50).
- Fixed wrench 11 mm.
- Carbide tip drill for concrete 10 mm.
- Quick steel drill 10 mm.
- Tape, level, polycut saw or 1/2-miter saw.

WALL PROTECTOR SET INSTALLATION - TEC. 026



Internal galvanized steel reinforcement 65x14mm (factory assembled)

Rigid high impact PVC Handrail/Stretcher Protector

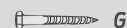


Left terminal

Right terminal



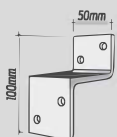
Self-drilling ball head screw 6.3x25 mm



Bolt tapping screw 1/4"x50mm



Plastic bushing 10 mm



Aluminum bracket

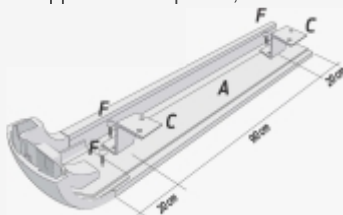


90° Curve

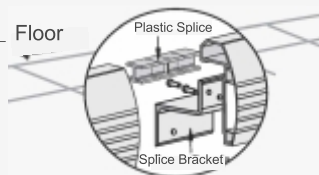
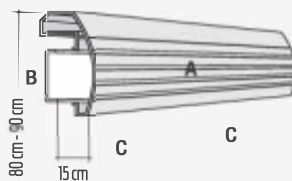
- 1** Define the length of the parts to be installed at the location. If necessary, cut the profile with a polycut saw or 1/2-mitre saw, ensuring that the cut is perpendicular to the center line of the product.



- 2** Initially secure the aluminum brackets 20 cm from each end. Distribute intermediate supports in a quantity that is sufficient for the maximum distance between them to be 90 cm. To fix the aluminum supports to the profile, use the self-drilling screws (F) and screwdriver.



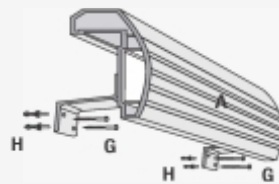
- 3** Fit the left and right terminals (D) onto the handrail profile and secure them with self-drilling screws (F). To install the 90° corner (E), simply fit the handrail profile onto its ends, without the need to fix it with a screw.



- 4** The installation height on the wall must be between 80 - 90 cm from the upper face of the handrail/stretcher protector down to the floor (NBR 9077). To make this alignment, check the leveling between the bars.

- 5** Position the assembled set (handrail/stretcher protector profile + aluminum bracket + terminals) at the desired wall height.

Using the support itself as a template, mark the locations for drilling. Drill, place the plastic bushings and with the fixed wrench, screw in the brackets to complete the installation. For walls longer than 4 meters, Tecnoperfil designed the Splice Kit, a practical and efficient system to apply the wall protector in the length that is necessary.



NOTES: ■ Do not expose products for internal use directly to sunlight.

■ Do not use this product as a guardrail or baluster.

■ To use the handrail in harsh atmosphere environments, the galvanized steel components (B-F-G) must be replaced with stainless steel ones. Consult Tecnoperfil.

■ For Dry Wall, internal structural reinforcement is mandatory for attachment.

If you have any questions, please contact us.



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