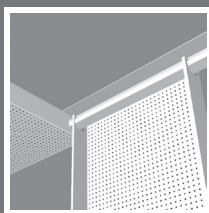


FIRE-RESISTANT ORIAL INSTALLATION GUIDE



This installation method will enable you to prepare and easily fit your Plafometal metal ceiling.

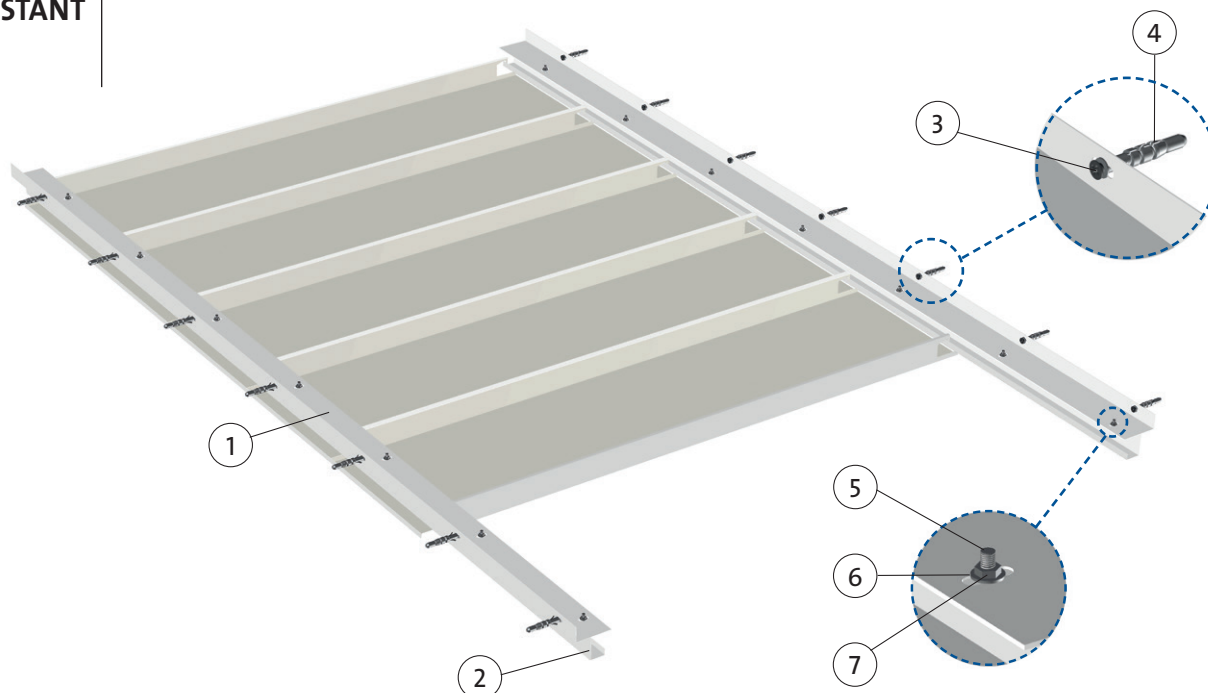
Please contact us and refer to the Fire Resistance Report prior to installation.

RANGE




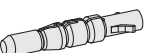



FIRE-RESISTANT SOLUTION

For installation in corridors

**FIRE-RESISTANT
ORIAL**



BILL OF MATERIALS PER LINEAR METER

Illustration	item n°	Description	Quantity / ml
	1	ORIAL FS CORNER TRIM 30x70 mm Length: 3,000 mm - Thickness: 1 mm	2 lm
	2	ORIAL FS PROFILE Length: 3,000 mm - Thickness: 1 mm	2 lm
	3	SCREW M6x60 mm	6.7 units
	4	HILTI HUD-L ANCHOR	6.7 units
	5	SCREW M6x10 mm	6.7 units
	6	WASHER	13.3 units
	7	NUT M6	6.7 units

All dimensions are in millimeters (mm), unless otherwise specified.

Please contact us and refer to the Fire Resistance Report prior to installation. Each step includes a diagram, tips and the tools used.

PLAFOMETAL

FITTING PROCEDURE

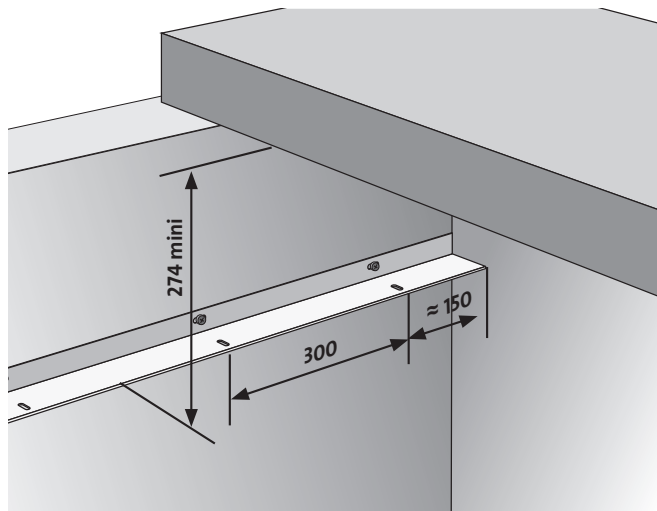
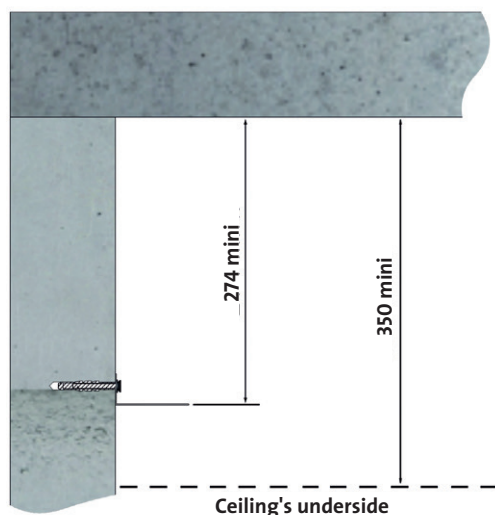
Fire-resistant ORIAL

1 INSTALLING THE PERIMETER TRIMS

- The Orial suspension system is fitted in two stages.

1) ORIAL CORNER TRIMS

Fix the 30 x 70 mm corner trims to the concrete walls with plastic anchors (such as hilti hud-l anchors), m6 x 60 mm screws + washers every 300 mm.

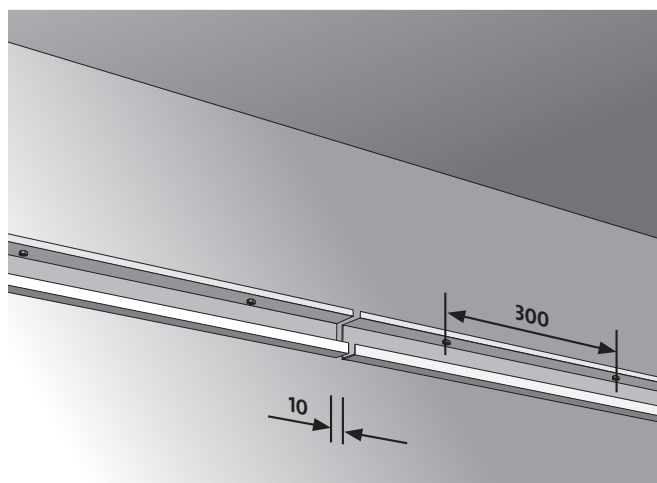
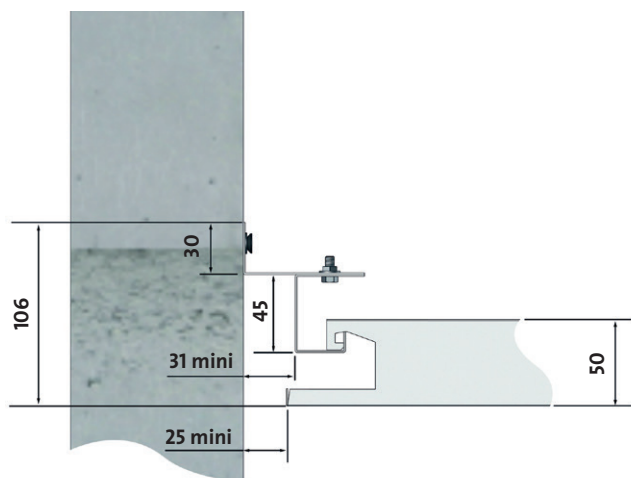


2) HINGED PROFILES

Then fix the hinged profiles (40 x 45 x 29 x 12 mm) beneath the wing of the corner trims with bolts + M6 x 60 mm screws + washers every 300 mm in the oblong holes.

i TIPS:

- Adjust the profiles so that there is a hollow joint of at least 31 mm, which will ensure a hollow joint of at least 25 mm between the panel and the wall.



- Allow for a 10 mm expansion gap between two hinged profiles.
- The hinged profiles are abutted against the walls.

All dimensions are specified in millimeters (mm).

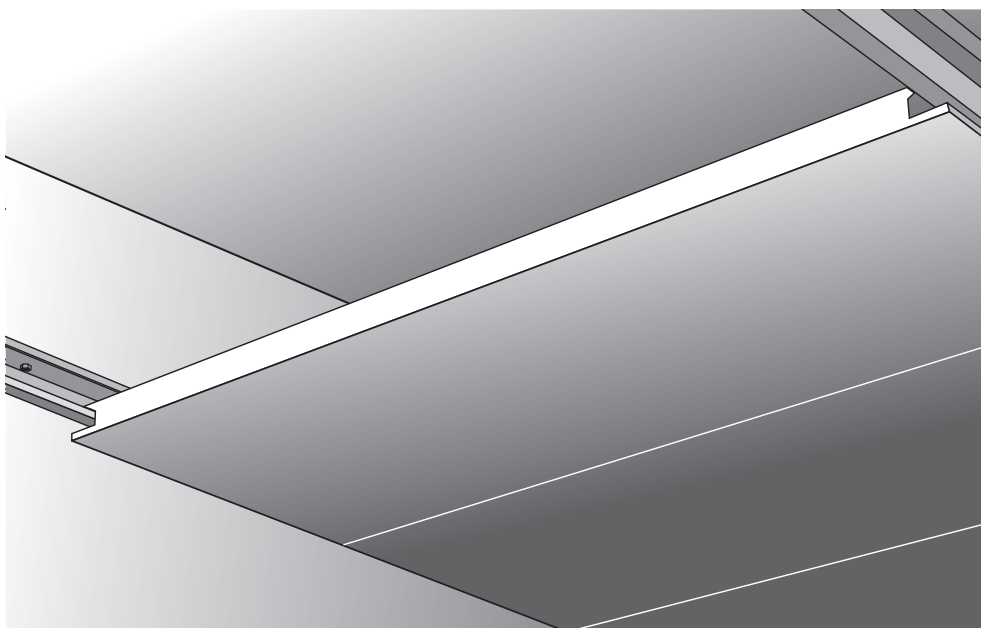
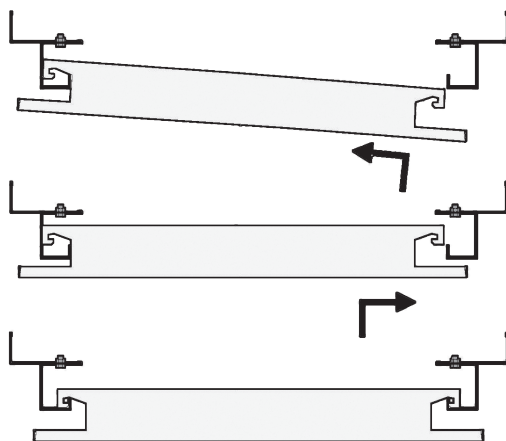
PLAFOMETAL

FITTING PROCEDURE

Fire-resistant ORIAL

2 INSTALLING THE ORIAL PANELS

- Hang the ORIAL panels from underneath and onto the hinged profiles. Panels are fitted edge-to-edge without any gaps.



i TIPS:

- The length of the panels must match the width of the corridor less 50 mm (minimum) so that panels can swing down when opened.

All dimensions are specified in millimeters (mm).

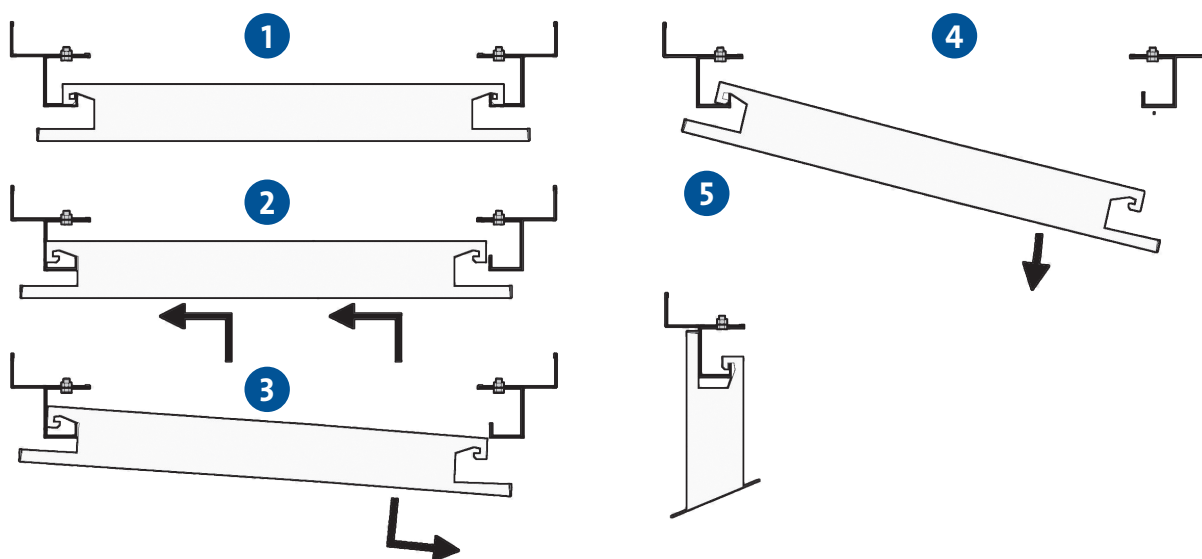
PLAFOMETAL

REMOVAL PROCEDURE

Fire-resistant ORIAL

3 ACCESSING THE PLENUM: OPENING THE PANELS.

- ▶ Push an ORIAL panel upwards ① and slide sideways ② to release it from the hinged profile ③.
- ▶ The ORIAL panel swings down ④ and remains suspended on the opposite profile ⑤.
- ▶ To replace the panel, proceed in reverse order while ensuring that the panel is correctly positioned so that each element is aligned with the next.



All dimensions are specified in millimeters (mm).

PLAFOMETAL

APPENDIX

Fire-resistant ORIAL

STORAGE

All our products must be stored on edge, on a flat surface and in a dry place away from inclement weather and the risk of impacts..

CARE/CLEANING

Our ceilings only require minimal maintenance.

Various types of cleaning methods can be used:

- ▶ To remove dust, use a soft brush or vacuum cleaner with a non-abrasive nozzle.
- ▶ To remove pencil or similar marks, simply use an eraser.
- ▶ In case of grease stains, use a cloth slightly dampened with a surfactant, taking care not to get the insulation material wet.
- ▶ For other stains or dirty marks, use a damp cloth or sponge, taking care not to get the insulation material wet.

Never use abrasive products.

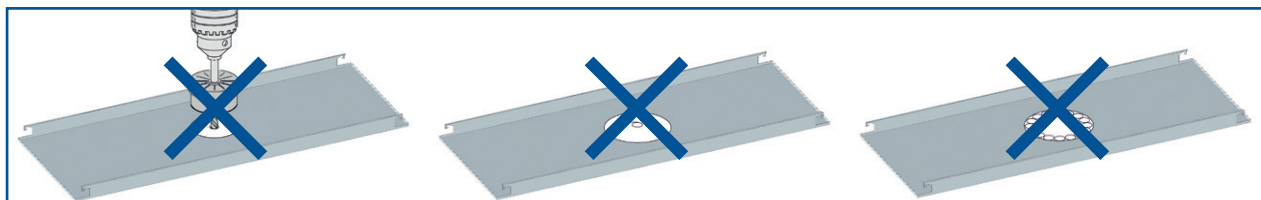
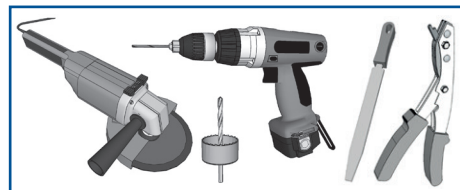
When using chemicals, always test on a concealed part of the ceiling.

Contact us before using disinfectant solutions.

ON-SITE CUTTING

Shear, hole saw and nibbler.

Caution: cut-outs for light fixtures or other equipment are not covered by the Fire Resistance Report (contact us).



APPENDIX

Fire-resistant ORIAL



PLAFOMETAL

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