Technical data sheet

RANGE DOCUMENT / ALL DESIGNS

Decorative relief panels in **fibre-reinforced plaster**, cast in a mould. Each design repeats piece after piece and, once the pieces are fixed and the joints filled, forms a continuous mineral cladding. They will be supplied in matt white, ready to prime and paint on site in any colour. Collection in preparation: design data.

01 PRODUCT AND FORMAT

Product type	Decorative relief panel for cladding interior walls
Format	500 × 500 mm per piece; coverage 0.25 m^2, 4 pieces per m^2
Thickness and relief	Specific to each design, between 8 and 30 mm total thickness in the current collection (see product data sheet)
Weight	Reference weight per piece given in the data sheet of each design
Modules and repeat	Single piece or combinable modules; orientation and rotations given in the data sheet of each design
Finish as supplied	Matt white, fine mineral texture; suitable for priming and painting

02 MATERIAL AND COMPOSITION

Material	Fibre-reinforced plaster
Composition	Plaster (calcium sulphate hemihydrate), water and reinforcing fibre
LED panels	Same plaster piece with a housing for the profile. Set planned with a silicone LED profile and 24 V power supply; components to be confirmed

03 INTENDED USE

- Decorative cladding for interior walls in dry areas: homes, hotels, restaurants, shops and offices.
- Not suitable for outdoor use or for areas with direct water or constant humidity.
- Decorative element with no structural function. Do not hang shelves, furniture or other items from the panel: they must stand on or be fixed to an independent support.

04 REACTION TO FIRE

If your project requires a specific reaction to fire class, tell us the requirements when you send your enquiry.

05 STORAGE AND HANDLING

- Keep the pieces in their original packaging, standing upright and never stacked flat.
- Store indoors in a dry, ventilated place, protected from damp, rain and frost.
- Handle each piece by its edge and back, without putting weight on the relief.

06 ACCLIMATISATION

- Leave the pieces for 24 hours in the room where they will be installed, in their packaging, before installation. Unpack them just before fixing.

07 INSTALLATION (SUMMARY)

Substrate	Sound, flat, dry, clean and free of residues that would prevent adhesion
Fixing	Gypsum- or plaster-based adhesive; additional mechanical fixing where the substrate does not guarantee adhesion
Joints	Fill with plaster or fine gypsum filler, sand and keep the channels, steps and edges that are part of the design
Finish	Prime the whole surface and paint with an interior paint suitable for gypsum substrates
Installer	Installation by a professional experienced in plasterwork or tiling is recommended
LED panels	The LED profile fits into its housing; the power supply is connected to the mains by an authorised installer

08 MAINTENANCE

- Dry clean with a feather duster, soft cloth or vacuum cleaner with a brush attachment. Painted surfaces can be cleaned as recommended by the paint manufacturer.
- Damaged pieces can be repaired with plaster or gypsum filler and repainted.

09 RELATED DOCUMENTATION

- Product data sheet for each design: format, thickness, relief, reference weight and repeat pattern.
- Installation and maintenance guide NALVEM-GI-001.

Nominal design data and general recommendations from NALVEM. The dimensions, thicknesses, reference weights and laying criteria specific to each design are given in its product data sheet. Subject to technical changes; the current edition prevails.