Installation guide

FIXING, JOINTS AND FINISH

Recommended steps for installing NALVEM panels and achieving a continuous surface. Before you start, check the design's product data sheet: it gives its orientation, the permitted rotations and the channels or steps that are part of the design.

01 MATERIALS AND TOOLS

- Gypsum- or plaster-based adhesive for decorative pieces; plugs and screws if mechanical fixing is needed.
- Plaster or fine gypsum filler for the joints; fine-grit sandpaper; primer and interior paint.
- Laser or spirit level, straightedge, fine-toothed saw, trowel and filling knives, sponge and dust mask for sanding.

02 PREPARING THE SUBSTRATE

- The substrate must be sound, flat, dry and clean. Remove loose paint, dust and grease.
- Correct any unevenness before fixing. On very absorbent substrates, apply a primer suited to the adhesive.
- Acclimatise the pieces in the room for 24 hours, in their packaging.

03 SETTING OUT

- Mark out the layout on the wall using the 500 × 500 mm format, starting from a centre line or a level reference line.
- Place the cuts at the ends or at less visible junctions. Follow the orientation and rotations given for the design.
- Dry-fit a row of pieces to check that the relief is continuous.

04 FIXING

- Apply the adhesive to the back and to the substrate as instructed by its manufacturer.
- Fix from the bottom up, pressing evenly and aligning each piece with the adjoining ones.
- Add mechanical fixing where the substrate does not guarantee adhesion. Remove excess adhesive before it hardens.

05 JOINTS

- Fill the joints with plaster or fine gypsum filler, without covering the relief.
- Sand lightly until the surface is continuous again.
- Keep the channels, steps and edges that belong to the design; they are not filled flush.

06 PRIMING AND PAINTING

- Prime the whole surface so the joints do not show under the paint.
- Paint with an interior paint suitable for plaster, matt or satin, by brush, short-pile roller or spray.
- Any colour can be used: the white as supplied is the base for the chosen finish.

07 PANELS WITH LED LIGHT

- Follow the product data sheet for the channel route and the continuity between pieces.
- LED panels are planned with a silicone LED profile and 24 V power supply, with components to be confirmed. Fit the profile into its housing before filling the nearby joints.
- The electrical installation must be carried out by an authorised installer in accordance with the applicable regulations.

08 MAINTENANCE AND REPAIR

- Dry clean with a feather duster, soft cloth or vacuum cleaner with a brush attachment.
- Repair knocks or chips with plaster or gypsum filler, sand and repaint.

09 SAFETY

- Wear a mask and goggles when cutting or sanding.
- Work with the pieces resting on a stable surface and without putting weight on the relief.

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.