

# GYPSUM.

## CONCRETE WINDOWSILLS/THRESHOLDS

### Guidelines for correct installation

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- Our window sills are mass-coloured using our standard catalogue colours, and are surface-treated with a clear stain-resistant varnish to protect against dirt.  
They are manufactured according to drawings provided by the customer after the customer has surveyed the window opening already squared off or, in any case, after having defined the correct design dimensions. They have to be installed once the construction site operations (demolition, reconstruction and plastering) have been completed, and immediately before finishing the façade. The aim of this process is to prevent the product from being damaged during the various construction site processes.
- The following general instructions are based on our experience.
- The instructions provided here are for installation on a horizontal, grouted surface (traditional grout masonry or EIFS - Exterior Insulation Finishing System).
- Before installation, ensure that the substrate is clean, free of dust and grease, solid and suitable for the bonding of the products. If this is not the case, arrange the substrate before installation.
- Each individual situation must be carefully assessed by the installer and/or construction management. For any information or needs, please contact the company.
- It is recommended to store the products in a covered, dry place until they are used.

### INSTALLATION METHOD

1. First of all, position the product dry to check that it has the correct dimensions for the opening. If there are any dimensional inconsistencies, the products can be simply trimmed and adjusted on site by using a flex shaft with an abrasive paper disc (grit 40). It is recommended to always move the product along its edge, never horizontally “stretcher-style”, as the slab may crack or break.
2. For bonding, use MS Stick Seal silicone (or similar) or two-component epoxy adhesive (e.g. H40 Extreme from Karakoll or similar).
  - *Bonding with silicone*: spread a 10-mm bead around the perimeter of the surface to be covered and, in the central part, beads perpendicular to the façade and with a pitch not exceeding 20 cm.
  - *Bonding with two-component adhesive*: spread the adhesive both on the surface to be coated and on the back of the product using a notched trowel, ensuring that it is evenly distributed over the entire surface.
3. Position the product by applying light pressure over the entire surface to make it adhere to the substrate. Any unevenness of the substrate can be compensated for by adding glue (maximum 2 mm per metre). It is recommended to install the window sill with a sufficient slope for water drainage.
4. Strictly seal the perimeters of the installed products to prevent water infiltration. Carry out this operation using MS Stick Seal (or similar), creating a joint between the product and the opening
5. If the window sill is fitted with a polystyrene profile:
  - the perimeter between the polystyrene profile and the masonry must also be sealed;
  - it is necessary to paint the polystyrene profile after a short time (within 4-5 days after installation) using water-based elastomeric paint. Follow the paint manufacturer's instructions when applying the paint.
6. Once installation is complete, the product must be adequately protected with non-woven felt fabric (with polyethylene on one side). Follow the steps below:
  - position the non-woven fabric with the polyethylene facing upwards, i.e. not in direct contact with the product;
  - fasten the non-woven fabric without allowing the tape to come into contact with the product (the adhesive from the tape could ruin the surface);
  - if the product has to be protected from other construction site work (e.g. demolition, removals, etc.), take extra precautions.

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## GENERAL PRECAUTIONS

For proper product preservation:

- avoid, as much as possible, prolonged soiling of the surface;
- avoid prolonged contact with solvents or acidic substances;
- avoid rubbing with aggressive abrasives (e.g. Sandpaper) or rubbing objects (e.g. pots).

## WARNINGS

GYP SUM S.r.l. is not liable in the event of:

- damage and/or aesthetic variations of the product deriving from improper use of a physical or chemical type;
- damage caused by non-compliance with installation procedures;
- damage caused by neglect and/or other construction site operations;
- damage caused by improper storage and handling;
- aesthetic changes resulting from incorrectly executed painting.

GYP SUM S.r.l. reserves the right to amend this document at any time and without prior notice