



INSTALLATION INSTRUCTIONS

DECORATIVE STONES

MODULO

MY LIFE STYLE, MY DESIGN

MODULO DECORATIVE SOLUTIONS SRL

29, 22 Decembrie 1989 Blvd.

401113 Turda, Cluj county, Romania

office@modulo.fr / www.ateliermodulo.fr

Tel: +33 01 60 67 13 18 / +40 264 305 600



RECOMMENDATIONS AND CONTRAINDICATIONS:

- Temperature of the support during application: between 5 °C and 25 °C.
- Protection against water leaks over the product (roof, canopies, flashings).
- The products cannot be installed on the floor or ceiling.
- For the best result, follow the installation instructions of the used adhesives. We recommend:
 - for “interior” type products: MODULO / PARMUR COLLE on a cement-based support (concrete, rendered walls – min. 1.5 cm), or an absorbent support (plasterboard, plaster/stucco, AAC masonry), or MODULO Exterior-Interior Adhesive on a cement-based support or a primed absorbent support (fibre cement, plasterboard, ACC masonry, plaster/stucco, wood panels – MDF, OSB).
 - for “exterior/interior” type products: outdoors with MODULO COLLE EXTRA on a cement-based support (concrete, rendered walls – min. 1.5 cm) or with MODULO Exterior-Interior Adhesive on a cement-based support or a primed absorbent support (fibre cement, plasterboard, ACC masonry, plaster/stucco, wood panels – MDF, OSB).
- When installing on insulation boards with a thickness of up to 10 cm (polystyrene or rigid mineral wool), it is recommended to:
 - choose an adhesive for thermal insulation boards with high performance;
 - the number of wall anchors (with metal nails) should be at least 8 pcs./sqm (in the case of reinforced concrete walls) or 10 pcs./sqm (in the case of masonry walls);
 - and the reinforcing mesh for the render must have a minimum density of 330 g/sqm (or optionally, additional welded metal mesh can be used for the adequate reinforcement of the rendering);
 - for thermal insulation boards thicker than 10 cm, we recommend seeking the advice of the insulation board manufacturer.
- Do not install on metal, ceramic tiles, wet surfaces or on surfaces exposed to temperatures higher than 40 °C (for “interior” products) or 70 °C (for “exterior/interior” products). Furthermore, the recommended minimum distance from direct heat sources (stoves, fireplaces, high-power radiators, etc.) is 60 cm for “interior” products .

PREPARATION:

- Make sure that the supporting surface on which you will mount the tiles is flat, dry, dust-free, degreased and in good condition: without any traces of paint, wallpaper, etc.
- We recommend that you purchase the entire quantity of wall cladding required for your project and mix the pieces from several boxes for a harmony of shades.
- Please check with us about the availability of corners for the chosen product.
- Certain products have a 2-piece corner available. The pieces combine in such a way that the design continues smoothly from one tile to the other. To make them easier to match, every pair has a marking on the side of both pieces. The markings should be facing the same way, either up or down.
- It is recommended to draw a sketch with the number of rows and the desired weaving, taking into consideration any openings or volumetric features of the installation area. Corner tiles should be installed first, to avoid unaesthetic cuts.

INSTALLATION:

1. Mark the area with horizontal lines, for every second row of product (considering joint height, if applicable). It is recommended to use a level to ensure you get the best result.
2. Scrape the back of the tiles or, if necessary, the burrs, with a wood file or wire brush to obtain better adhesion. Make sure the tiles are dust free. We recommend mounting the product starting from the bottom of the installation area.
3. Apply the adequate adhesive for the type of product used and the support layer on the back of the tiles. For the “exterior/interior” types of products, it is mandatory to apply the adhesive both on the back of the individual piece, as well as on the support, in a continuous bed. We recommend a trowel with 3-4 mm teeth for levelling the adhesive.
4. Apply the product to the wall using a lateral back-and-forth movement, leaving a space of 1-2 cm between the tiles for products that are installed with joints.

5. If you need to cut the “interior” type products, you can use a hand saw. The wood file can be used for precise carvings (electrical switches, sockets, etc.). For “exterior/interior” type products, use an angle grinder with a diamond blade.
6. For products that require jointing, follow the instructions below.
7. To protect the products from water or oil splashes, we recommend using MODULO Protection Spray water-repellent and oil-repellent, or MODULO Surface Protector for “exterior/interior” products.

JOINTING:

1. Depending on the type of the chosen product, use MODULO / PARMUR JOINT 24 hours after installation.
2. Prepare the grout according to the instructions on the package, cut the corner of the joint bag ($\pm 1-2$ cm), fill the bag halfway and, pressing gently, fill the spaces between the tiles, keeping the hole of the bag in contact with the wall.
3. If the material spills over the tiles, allow it to harden first and then remove it at the end.
4. From the moment the grout starts to harden (30 to 120 minutes, depending on the ambient temperature and the product used), scrape the surface of the grout with a spatula. The joints can be evened out with a rubber/rigid plastic hose or levelling iron for a smooth look, or with a soft bristle brush for rustic-looking joints.
5. Under no circumstances should a metal brush or a wet sponge be used to clean the tiles.
6. It is recommended to work on surfaces of approximately 3 sqm at a time.

MAINTENANCE:

- Use only neutral pH solutions to clean the tiles.
- Do not clean the tiles using high-pressure washers.
- Clean the “interior” product types with a vacuum cleaner, making sure that the nozzle is not in direct contact with the tiles.
- In the case of “exterior/interior” products, we recommend the MODULO Cleaner For Dust & Stains detergent to remove difficult stains.
- For tiles from the “Natimur” product range, we recommend MODULO Cleaner For Resistant Mold to clean products blackened by smog, algae, moss, or moisture, or MODULO Cleaner for Excess of Adhesive Cement and Grout solution, according to the instructions on the package.
- For deep stains, seek professional advice. Beware of non-specific cleaning products.
- Protect the products with MODULO PROTECTION Spray or MODULO Surface Protector only for “exterior/interior” products. Moreover, for specific applications, it is possible to use the following solutions, which offer benefits, such as accentuating the colours of the products (MODULO Surface Protector Wet Effect), protection against the formation of mould and moisture in spaces with high humidity (MODULO Surface Protector Anti Dampness), or protection against drawings made with markers or paint sprays (MODULO Surface Protector Anti Graffiti). **Products from the Signature line are an exception, as they do not require additional treatment.**

The application of other types of protective solutions of any kind, including varnishes, besides those recommended by Modulo Decorative Solutions, is prohibited.

Any installed product is considered accepted.

The manufacturer guarantees the replacement of the product, subject to compliance with the MODULO installation instructions.

Personal protection: gloves, dust mask and safety goggles.

