

INSTALLATION SYSTEM MATHIOS STONE

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We clean the substrate from dust and dirt, for good adhesion of the mortar. Place the first line where the stones will be placed.



If we are installing on an absorbent substrate such as plasterboard or wood, we must apply **VIODOM BIO ACRYL B-13** primer to reduce absorbency.



Prepare the **MATHIOS STONE Kleber-Extra-Stone-Glue 25kg mortar**, taking into account the amount of water for good adhesion and the correct consistency.

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Apply **MATHIOS STONE Extra-Stone-Glue** **25kg** mortar to the installation surface as needed to prevent it from drying out during stone installation.



Place stones and mix from several cartons of at least 2m² to create a balance between different colors, shapes, thicknesses and textures.



If the installation involves corners, start at the corner of the wall and continue the installation according to the flat elements.

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Using the trowel or rebonding tool, clean the perimeter of the stone from overlapping concrete for better installation. Since the back surface of the stone is dry, moisten it with water to prevent water absorption by the mortar.



If the gaps are large, fill them with stones, cutting them to the size required.



Apply the glue to the back surface of the stone as much as possible so that there is no gap between the stone and the surface.

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Place the stone by pressing hard to ensure a very good adhesion of the glue to the back surface of the stone.



When installing the stone, use a rubber mallet to avoid damaging the stone.

Applying stone without grout



Fill the perimeter channel of the stone with glue using the trowel.
Remove any excess glue using a towel.

Applying stone with grout



Stone grouting with **Mathios Grout by MATHIOS STONE**, offering the ability to fill grouts from 10mm to 50mm and is suitable for installation to interior and exterior surfaces. The application should be done with an **ORION X7-1000** gun suitable for coarse-grained grout.



13. Applying stone with grout



Typical Cladding Style

The most common technique is to place each stone a finger's width apart and grout between each stone. The grout is deeper than the face of the stone and exposes the stone edges. If the color pairs well with the shades of the stone, this mainly makes the stone stand out. For a design effect, get a bold color grout that contrasts with the color of the stone.



Flush with Stone Grout Style

The grout level is almost flush with the face of the stone. Similar to the standard inlay style but with a more active role in the final design. Try using different color injections and see how your stone transforms. For a subtle and always in-style look match the grout color to the dominant color shades of the architectural stone. Conversely, if you love the impact, choose a grout color opposite the stone color. With light stone, use dark grout and with dark stone use light grout.



Overgrout style

The grout fills the joints and coats the face of the stone. A very popular technique for achieving a rustic and authentic old world look . It gives such a realistic effect to the construction that it is hard to believe it was not built centuries ago. Ideal for stone and brick. It would also fit nicely in an industrial loft design.

14. Stone protection



Mat Protect Plus

MATHIOS STONE Mat Protect plus is a silica varnish and is applied undiluted over the stones and provides lower porosity, frost protection, chlorine tolerance and reduction of possible salt excretion. It is recommended to be built near the beach and exposed to seaspray.

15. Stone sealing



In applications where there is stone grouting, the stone joint with the floor should be left 3mm higher and sealed with OTTOSEAL S70 310ml by OTTOCHEMIE (does not oil the stone) of the desired color, also using the primer OTTOPRIMER X-PR 1216 250ml, the spatulas for forming joints OTTO-FUGENBOY Y-ZUB and the liquid-abrasive OTTO SMOOTHING X-GLM for easier and cleaner installation of the silicone.