

Specification for installation of 40mm schist/stone
on concrete substrates and panels

Concrete Substrate

The substrate should be free of all laitance, curing compounds, dust, oil, wax, paint or other surface contaminants before the commencement of the Natural Stone installation.

New concrete should have been curing for a minimum of 28 days before the commencement of the Natural Stone installation.

The concrete substrate should carry a broom finish.

Priming

The substrate should first be dampened with water before applying Mapelastic Smart.

After sufficient curing of the Mapelastic, the stone installation may commence.

Installation

Installation of the Schist can then be carried out using Kerabond Plus gauged with Isolastic neat. A 6 or 8mm notched trowel is the recommended size.

Grouting

Upon satisfactory curing of the adhesive, grouting can be commenced using Ultracolor Plus Grout.

Movement Joints

In general, movement or control joints must be installed at the perimeter of all stone installed areas, where the stone surface abuts another material, at changes of plane, where joints exist in the substrate and at maximum centres of 3.0 m in each direction.

Notwithstanding this, discussion with structural engineers where appropriate is essential to address the elements pertinent to the individual situation, ensuring the correct installation of movement and construction joints.

Installation to be carried out using Mapesil AC Silicone Sealant. Joints to be primed using Primer F.D. before the installation of Mapesil.

Please note the above products must be installed to Mapei's recommendations as detailed in our Technical Data Sheets relative to each of the products named above.

Installed to our Specification Mapei Products carry a 20 Year Performance Warranty.

Furthermore the above Specification is based on the information provided. Mapei will accept no responsibility to the accuracy of the information provided as it relates to the correctness of this Specification and in particular as it relates to pre-existing conditions that are found on the job site.

Concrete to have a U2 finish or be cup grinded to give a rough surface