

Bernini

Technical Guidelines

Installation of Natural Stone on External Feature Walls with a Masonry Background.

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Installation & Technical Guidelines.

Preparation and Adhesive

- Apply '**Mapei Eco Prim T Plus**' to the background.
- Waterproof rendered wall with '**Mapei Mapelastic Smart**'.
- Install with '**Mapei Keraflex**'. In the case of limestone or moisture sensitive stone install with '**Mapei Keraquick S1**'.
- Joint width minimal 3mm, (consideration of heat loss & gain and movement allowance).
- For stone in 20mm thickness or weight in excess of 40 kilos per m2 mechanical fixing or combined adhesive/mechanical fixing is a requirement, (consult builder, installer or stone supplier for a suitable fixing method to suit your project).
- Even where stone tiles do not exceed 40kilos m2, use shelf angles from approx. head height or 2.0m up and at 1m intervals + random pinning. Contact our office if not clear.
- In case of fibrous cement sheet background, check manufacturers considerations of suitability for adhesive fix of stone and weight limitation, (usually 40 kilos m2max).
Silicone and tape all joins including internal corners to accommodate movement & additional flexibility consider '**Mapei Kerabond & Mapei Isolastic**' as an alternative adhesive and then proceed with instructions as above for masonry backgrounds.
- On completion seal with '**Aqua Seal Gold +**' which is both a penetrating and consolidating sealer. For best performance repeat every 2 years. If requiring a "wet look" or "enhanced colour" substitute Aqua Seal Gold + with '**Aqua Seal Enhance 'N' Seal**'

NOTE:

- Any of the above recommendations for products are intended to be indicative only of product type as, generally, there will be equally approved options from other manufacturers. For further clarification regarding suitability please consult the manufacturer, your builder or installation contractor.
- The above recommendations are made without full knowledge of your project environment and conditions. For a complete and conclusive specification for your project please contact the manufacturer for a project specification and full guidelines and procedures for the related products.