



BELVEDERE STONE

Interior Stone Installation

Substrate Types

- 1 Sand cement/polymer modified screed – less than 2% moisture (CM)
- 2 Calcium Sulphate screed – less than 0.5% moisture (CM) and surface abraded to expose aggregate
- 3 Flowable Cement screed – less than 2% moisture and surface abraded to expose aggregate
- 4 Plywood/Timber – strong enough to support additional weight & over boarded with 12mm BAL tile backer board glued and screwed

Requirements

- 1 Flat/even – all floors should be a SR1 finish, maximum of +/- 3mm deviation underneath a 2m straight edge as described in BS5385-3: 2014
- 2 UFH – must be commissioned prior to stone install. Consult British Standards – BS 8204 and BS 1264.

Priming

- 1 Cement based screed and backer boards – apply 2 coats of BAL PRIME APD using a clean brush or roller, diluted with clean water at a ratio of 1:1.
- 2 Calcium Sulphate – apply BAL PRIME APD in 2 coats. The first coat should be diluted 1:1 by volume with water and be touch dry before applying a second undiluted coat at 90° to the first.

Uncoupling Membrane

Apply a thin bed of BAL Rapid Flex One adhesive to bond the BAL RAPID-MAT to the substrate and use a steel trowel to eliminate air pockets.



Stone Installation

Fix tiles using either BAL Rapid Flex One, BAL Pourable One or BAL Flex one. Solid bed fixing method with 100% coverage, achieved by applying adhesive to substrate and back of stone.

Movement Joints

Install preformed or site filled movement joints with a minimum width of 6mm at 5-8m intervals, around all perimeters, heating zones and in line with all structural movement joints as described in BS 5385-3:2014.

Drying

Allow adhesive to dry before grouting.

Grout

Work in small areas, washing off excess grout before it dries on the surface of the stone as work progresses. Remove all grout residue with subsequent washes.

Builder's Clean

Apply diluted EcoProTec Intensive Stone Cleaner, rinse and dry.

Sealing

Apply 3 coats EcoProTec Natural Stone Sealer, or until saturation and leave to dry.

Heating

On first heating temperatures must be increased by 5 degrees per day maximum as described in BS 8204-1 and BS1264 1-9.

Weekly Cleaning

Apply EcoProTec Natural Stone Aftercare Cleaner diluted 1:20 with warm water using a mop or wet vacuum.

Please note: This is a simplified step by step guide to stone installation and is not a fixing specification.

Contact Belvedere Stone to receive a complete warranty backed fixing specification for your project.

