

Technical Information

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TILING & PAVING

Natural stone is recommended to be fixed with the use of mortar or adhesive on a reinforced concrete slab.

If calibrated 30mm or greater paver is to be used, a suitable crush rock base can be used for pedestrian traffic, however we recommend that the pavers be installed using a mortar bed rather than sand to give better stability to the finished product.

Natural Sandstone can have a size variation of up to 3mm therefore it is recommended to lay the stone with minimum of 5-8mm grout gaps.

Travertine & Granite have a more precise cutting method therefore have smaller variations from each tile that can be laid with a minimum 3mm gap.

Particular attention should be paid to expansion joints in both their location and installation. Expansion joints should be used at every change in coping direction, at intervals no greater than 3.5 metres, between paving and any walls, wherever there is existing cracking in the foundation or bedding material and wherever there are existing expansion joints being covered over.

WALL CLADDING

Natural Stone can be used for many different types of wall cladding.

Stone can be installed onto Brick Walls, Rendered Walls or compressed sheet.

Before the cladding is installed you must check that the wall structure is secure and solid to support the weight of the stone being used.

Please ensure that the glue or adhesives to be used is suitable and recommended for the application and installation recommended for the adhesive is followed.

Make sure the stone is clean and free from dust too ensure a strong bond.

Please check wall heights and glue specifications before installation to make sure wall and glue can support the weight of the stone. Depending on the stone and the wall substrate, some walls may require lintels and height restrictions of laying height per day. This must be checked either with engineer or glue manufacturer prior to commencement.

If stone is to be used for water features. It is recommended that the stone be sealed to protect against algae.

CLEANING

For organic based stains such as leaf and fruit stains or stains from bird droppings, we Recommend cleaning Stone with a chlorinated solution or other specific cleaners. There are many cleaners currently market and some will work better on certain stone than others. Please check with the supplier to identify which cleaner will work best for the stone you are trying to clean.

We do not recommend the use of acid as this can cause irreparable damage to the pavers, mortar & grout if applied incorrectly. Not all stains can be removed this way and may require alternate treatment.

The area to be cleaned should be wet down before applying any chemicals. Apply diluted chlorine as directed by manufacturer. Make sure to scrub any areas that need more attention.

When area is cleaned to your satisfaction, make sure the area is well rinsed to remove any excess chemicals. The use of hot soapy water can assist with this.

SEALING

Most of our stone is salt tolerant but we recommend the application of sealers especially if being used in the vicinity of salt water as we cannot guarantee all stone as the makeup of stone can vary in its density from pieces to piece. We also recommend sealing natural stone to facilitate easy cleaning and maintenance. Please refer to our cleaning and sealing guide on our web or contact us for more details and sealers to best suit your stone.

For more details relating to application, cleaning and sealing or general questions relating to our natural stone, please see our website for any updates or contact our office for support.



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