

PAVING, BULLNOSE CONCISE INSTALLATION NOTES

If you have any queries regarding paving please ring our customer support number 1300 851 087. Before laying, establish proper falls and practical drainage to prevent ponding. Do not use hydrochloric acid to clean pavers. Do not use a bedding mix richer than 1:3, mortar: sand. We recommend that our pavers be laid with 3 to 5 mm open joints; pavers should not touch adjacent units. Please do not use pointing mix in the joints. Please note that our pavers should not be laid using a brick paver specification. Our specification states dimensional tolerances of plus/minus 3 mm on thickness, plus/minus 1mm on plan. Please do not use fine dry sand as a bedding mix over a concrete slab. Please do not remove the protective cover over paving pallets until you are ready to start laying; water penetration with internal ponding of rainwater may cause watermarks.

SEALING NOTES READ CAREFULLY

Our paving and bullnose have an extremely low surface permeability. They are designed to resist penetration of water borne staining materials; standard body paving does not normally require sealing. However, our bullnose coping should be sealed (top bottom and sides) before installation around a salt or chlorinated pool as a precaution against excessive chemical imbalances. Please use a silane/siloxane penetrating sealer such as Dry Treat 40SK and follow the manufacturer's specification. Contact Dry Treat Australia Tel 02 9954 3211. Note that all over sealing means it will be necessary to use a polymer modified glue (Davco-7 plus Davelastic) to ensure a good underside key to the bed.

COLOUR MATCHES TO STONEMAKERS PAVING

Note carefully, our paving and bullnose will soften and lighten in colour with exposure to sun and weather. Our reformed sandstone may vary in colour between batches as different seams of raw sandstone are extracted and pressed. To achieve a balanced setout we recommend drawing the pavers from two or more pallets as they are laid.

THIN-SET METHOD OVER CONCRETE USING POLYMER MODIFIED ADHESIVE

Install Stonemakers paving over a sound & properly prepared concrete slab using MAPEI Keraflex polymer modified stone adhesive, or LATICRETE, or Davco 7+Davelastic or other high quality equivalent. First spread the adhesive using the straight edge of the trowel ensuring good contact. Second spread the adhesive over the same area using a 15mm notched trowel prior to bedding of paving material. If in doubt please ask the manufacturer of adhesives for their recommendation.

THICK SCREED BED METHOD OVER CONCRETE USING POLYMER MODIFIED ADHESIVE:

Screed bed shall be 1:3 cement/washed river sand and mixed with clean water and mixed to a dry pack consistency and later on screeded to a desired height and allowed to cure. Fixative for Stonemakers paving over screed bed shall be MAPEI Keraflex stone adhesive using 15mm notched trowel, or Davco 7 with Davelastic.

COMPACTED COARSE ROADBASE METHOD:

Use a 50mm of washed coarse river sand, laid-dry and well-compacted and screeded over 75mm underlay of very coarse roadbase. Do not use fine sand as it may inhibit drainage hence causing picture framing effect. Before the pavers are laid, break the compacted surface with a rake so that there is around 20mm of loose bedding sand for the pavers to settle. Install a properly bedded edge restraint so the loose bedded pavers DO NOT move over time.

CLEANING AND PROTECTION:

Any residues of mortar cement, pointing material must be cleaned and removed immediately whilst they're still fresh. The paving installation must be isolated and protected from foot-traffic for approx 24 hours. Adhesive & pointing material must be protected from direct sun and high-wind to keep the dampness required for proper curing.

WET MORTAR BED SPECIFICATIONS

Then, the paving should be fully bedded into a wet mortar mix of a minimum thickness of 15mm and a maximum thickness of 25mm. The pavers/bullnose should be fully supported by the mortar bed, with no air voids. The best sand to use for the mortar bed is an equal blend of washed fine beach sand and bricklayers white loam clay content washed sand. Please make absolutely sure that all sand is salt free. Mortar bed proportions should be 1 part cement to 3 parts blended sand to 1 part clean water with proprietary plasticisers added. Note carefully, a richer bedding mix than 1:3 will cause stress to the stone resulting in fine shrinkage fissures. Paint the underside of the pavers with a bonding slurry or with a mixture of 3:1 Bondcrete and water.

INSTALLATION OF 450x450 PAVING OVER COMPACTED COARSE ROADBASE

The bed when this method is employed is 50 mm of washed coarse river sand, laid dry, and well compacted and screeded over a 75 mm underlay of very coarse roadbase. Do not use fine sand because it may inhibit drainage. Before the pavers are laid, break the compacted surface with a rake so that there is around 20 mm of loose bedding sand for the pavers to settle into.

CLEANING

The standard trade clean after all installations of paving is a washdown of the new paved area with a (5:1) mix of Cyndan Concrete Wash and water. Follow this by washing with clean water to remove any residue. For spot cleaning after installation, use a hand mister filled with this same mix (Cyndan Tel 1800 812 309) Spray this onto wet slabs, misting the smears or spots and then gently abrading the surface of the pavers with a stiff brush or by brushing clean sand over the surface. Regular maintenance cleaning of paving is best completed using swimming pool chlorine or strong household bleach in a (1:1) mix; apply this with a watering can then scrub lightly to spread it over the surface of the paving. Repeat this treatment until the algae has been killed and the residue will be quite easy to remove by the use of high pressure water blasting. Any deeply impacted dirt should be easily removed with a combination of neutral detergent or sugar soap and a high pressure setting on a domestic hose. Or Domestos with hot water is useful on many types or organic staining.

July 2010