

Design and Construction Note 102 11

Reinstatement of Rigid (Granite)
Pavements After Trenching

Reviewed: 30/10/2018

4) Adhesive

Prior to application: Remove sand, oils and deleterious products from surface of concrete with the use of brooms and pressure washer. Check line level and set out as per existing pattern. Paving pellets set within area prior to laying.

Adhesive to be: Parex Davco SE7 with 50/50 Davelastic mix with water, or approved equivalent. Apply as per manufacturer's specification.

5) Laying Pavement

Cleaning stonework: Clean stonework progressively as the work proceeds. Clean stonework to remove mortar smears, stains and discolouration, using an approved method using clean water only. Do not use acid as this will discolour the stone material. Provide details for approval prior to commencing stonework.

Laying tolerances: Laying of stone shall be carried out to the following tolerances:

- Deviation from the levels or vertical plane indicated: ± 2mm
- Deviation of paving and stone walls over a 3 metre straight edge: ± 3mm, non-accumulative
- Maximum deviation across joints: 2mm

Bedding: If the concrete substrate has inadequate key for mortar bedding, such as steel trowel finish, do not lay bed until the surface has been adequately roughened by mechanical means; such as scabbling.

Stone Placement:

- Wipe clean surface of stone
- Set line and level
- Mix adhesive as per the manufacturer's recommendations
- Trowel out adhesive to 10mm across a 2 metre square area
- Lay and set level of paver to tolerance
- Allow adhesive to cure
- Treat top surface with pre-sealant

6) Pre-sealant (Prior to Grouting)

Prior to application: Allow adhesive appropriate time to cure. Clean stonework to remove mortar smears, stains and discolouration, using an approved method using clean water only. Do not use acid as this will discolour the stone material.

Apply one coat of Spirit Marble and Tile Care "Pre Seal" as per the manufacturer's specification.

7) Grout

Sand for grout: Colour (Natural Grey), grading and source shall be determined so as to closely match the granite background material colour; and subject to approval of samples. Colour: Grout colour to match existing grout. Provide evidence that sufficient quantity of sand is available so as to provide consistency of colour for grouting mixes. Keep any stockpiled sand dry.

Characteristic compressive strength: Compressive strength of the granite pavers.