

Grout Jointing:

- Mix *Lanko 701* or approved equivalent grout to manufacturer's specifications & screed into paving gaps
- Wipe excess off paving surface and clean surface with damp sponge
- Joint size to be 5mm nominal; ± 2 mm

Carry out jointing and pointing simultaneously to form a homogenous bed, rake to a depth to match existing surrounding pavers.

7) Surface Treatments

Surface sealing after cleaning: Seal exposed faces of stone to protect the material.

Apply two coats of *Spirit Marble and Tile Care "Water Based Premium Seal"* as per manufacturer's specification to paving surface. The use of acid for cleaning the stonework is forbidden, as the acid will stain the stone material.

Cleaning: Leave the stonework clean on completion

8) Slab Expansion Joints

General: All Expansion & Isolation Joints must be reinstated in their original locations and/or receive prior approval for new locations by City of Perth, City Design Engineers.

Isolation Joints: 7mm nominal joint; to depth of slab, filled with joint filler.

Expansion Joints: Dowels: R20mm smooth round bars at 300mm centres, 65mm depth from top of slab. 3mm Saw cut: to 45mm depth from top of slab. 7mm Widening Saw cut: that may expand up to 17mm and contract due to thermal movement up to 2mm, to 40mm depth from top of slab.

Filler material: Use compatible sealant and bond breaking backing materials that are non-staining to masonry. Do not use bituminous materials with absorbent masonry units.

- Back-up rods: Closed cell polyethylene
- Primer: As recommended by the manufacturer; and
- Elastomeric sealant: Single component polyurethane

9) Pavement Expansion Joints

General: Provide expansion joints in the granite paving that correspond to all structural joints in the concrete substrate.

Expansion joints in stone paving located over structural joints to be 15mm wide preformed joint of Maxiseal mastic with 3mm thick stainless steel (305) side walls. For detail of expansion joint refer: *Design and Construction Note: Book 300*

Installation of joint: Install preformed joint in accordance with the manufacturer's recommendations, including masking the joints. Top of the joint filler colour shall match the adjacent grouted joints.

10) Curing of Adhesive and Sealants

Opening the works area to traffic can only be done once appropriate time has been permitted for all adhesives and sealants to cure. The times listed below are to be measured from the completion of works:

- Pedestrian traffic: 7 days
- Vehicle traffic: 28 days