Provisional sealing material:
SPIRIT MARBLE & TILE CARE - Spirit Premium Seal, applied as recommended by manufacturer.

Application:
General: Apply sealing material in accordance with the manufacturer's recommendations.

Cleaning:
Cleaning: Leave the stonework clean on completion

GROUT JOINTING

General:
- Mix Epirez Super-strength grout to manufacturers specifications and screed in to paving gaps
- Wipe excess off paving surface and clean surface with damp sponge

Requirement: Carry out jointing and pointing simultaneously to form a homogenous bed.

Form: Raked to a depth as determined in the prototype area.

Joints:
Size (mm):
  - Cobble stones: 8mm nominal; ± 2mm
  - Dimensioned (finished) stone: 5mm nominal; ± 2mm

Jointing material: Grout is to match an approved sample; that is mid-grey using selected sand and normal Portland cement.

EXPANSION JOINTS

Description:
General: Provide expansion joints in the stone paving that corresponds to the structural shrinkage joints in the concrete substrate.

Joints widths:
  - Structural shrinkage joints: 7mm nominal; that may expand up to 17mm and contract due to thermal movement up to 2mm
  - Expansion joints in stone paving located over structural shrinkage joints: 13mm wide nominal width that could expand up to 23mm wide

Joint filler in stonework: CONSTRUCTION SPECIALTIES Metazeal M225 that is compressed to fit into the 13mm wide joint. Material is 25mm in its relaxed state and can expand up to 31mm in width.

Installation of joint filler:
General: Install Metazeal M225 in accordance with the manufacturer's recommendations, including masking the joints and bonding the filler material each side of the joint to the stonework. Top of the joint filler shall match the adjacent grouted joints.

CONTROL JOINTS

Description:
General: Provide control joints in stone paving and walling to prevent cracking due to thermal movement and shrinkage of the concrete substrate.

Approval of locations: Unless an already approved location, obtain approval prior to setting out for the position of all control joints.

Filler material:
System: Use compatible sealant and bond breaking backing materials that are non-staining to masonry. Do not use bituminous materials with absorbant masonry units.
  - Back-up rods: Closed cell polyethylene
  - Primer: As recommended by the manufacturer; and
  - Elastomeric sealant: Single component polyurethane

Elastomeric sealant: Equivalent to TREMCO Dymonic NT.

Installation:
Cleaning: Clean out all joints thoroughly before sealing.

Nominal Joint width: 6mm

Elastomeric sealant depth: Depth to be a minimum of 50% of joint width with minimum depth and width of the sealant of 6mm.