6.0 STONE INSTALLATION

INSTALLATION

Visual Variations:
Requirement: If the natural stone has a range of variation in colour, pattern, texture or surface finish, distribute the stone throughout the works so the local concentrations of similar variations do not occur.

Surveying & work sequence:
Setting out: It is the Contractor’s responsibility to provide precise setting out points and levels for the stonework.

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

Laying tolerances
General: Laying of stone shall be carried out to the following tolerances:
- Deviation from the levels or vertical plane indicated: ± 3mm
- Deviation of paving and stone walls over a 3 metre straight edge: ± 3mm, non-accumulative

Maximum deviation across joints: 2mm

MORTAR BEDDING & GROUT

Grout:
Sand for grout: Colour (Natural Grey), grading and source shall be determined so as to closely match the sandstone background material colour; and subject to approval of samples.

Characteristic compressive strength: compressive strength of the sandstone.

Colour: Grout colour to cobbles and dimension stone shall match Prototype 2, which is a mid-grey, using selected sand and normal Portland cement.

Bond:
Patterns: Bond the masonry as required.

Control joints locations - dimensioned stone: In approved locations or at no more than 5.0x5.0 metre centres and at junctions of different stone material.

Control joint locations - cobble stones: In approved locations and at the junctions of different stone material.

Structural shrinkage joint locations: In approved locations only.

SURFACE TREATMENTS

Surface sealing after cleaning:
General: Seal exposed faces of stone to protect the material from soiling. Apply Spirit Water Based Premium Seal as per manufacturer’s specification to paving surface and allow 24 hours to dry prior to opening up. The use of acid for cleaning the stonework is forbidden, as the acid will stain the stone material.