

2

new dimension

B

installation

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light traffic application

excavation to minimum of 190mm. (Allow for base rubble, bedding sand and paver)

base 100mm deep using 10mm Rubble or similar compacted to 95%.

bed Bedding sand 25mm deep using Washed Concrete Sand or similar.

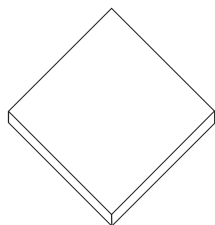
product BEST New Dimension 60mm pavers may be used.

laying When laying New Dimension pavers it is critical that the pavers be adequately gapped. 3 to 5mm is recommended. This gap is to be maintained to all 4 sides of paver.

In vehicular applications, special attention should also be given to the paving bond that is used. Stretcher bond is the only bond recommended. (see figure 1)

When cutting New Dimension pavers ensure that any resulting residue or slurry is washed off immediately with clean water.

edge restraint The paved area must be adequately restrained on all sides using a 100mm x 100mm concrete edge restraint which includes 50mm galvanised mesh. (see figure 2)



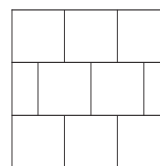
grouting & compacting Use a vibrating machine to compact paved area making at least two passes over paving. Vibrating machine should have a plate size of no less than 500 x 600mm. Placing a mat between machine and pavers will protect the face of pavers. Paved area should be grouted using a suitable dry jointing sand. It is important that this material is applied to manufacturers instructions. Pavers must be thoroughly swept clean of any excess grouting material.

sealing BEST New Dimension pavers can be rendered stain resistant by the use of chemical sealers.

important notes

- i** To achieve the best results from your BEST New Dimension pavers, it is recommended that your paving be designed by a qualified engineer with reference made to the CMAA's "Concrete Flag Pavements – Design and Construction Guide".
- ii** BEST New Dimension pavers should be installed by a pavior experienced in the use of large-format pavers.
- iii** Always ensure that paving surface is kept below the damp course level of any building. The amount by which paving must be kept below will vary from region to region. The local authority should be consulted before commencement of paving works.
- iv** Paving must slope away from any building.
- v** The finished job will only be as good as the preparation and base compaction.
- iv** Precautions must be taken in the first two to three months of paved surface to ensure that jointing sand is not removed. If jointing sand is removed, refill immediately. Maintaining the jointing sand will protect the structured integrity of paved surface. Conduct regular inspections of paved surface to identify any other problems. Attending to small localised problems often prevents the need for major maintenance of large areas.

FIG. 1



STRETCHER BOND WITH SQUARE PAVING UNITS

FIG. 2

