

SPECIFICATIONS

**○ CEMSEAL VERSIPAVE
PAVER SUPPORT**

1 GENERAL

All work in this Section shall comply with the requirements of the Contract Documents. Supply and install paver supports as shown on the drawings or specified herein.

2 MATERIALS

The paver support shall be CEMSEAL VERSIPAVE GP height-adjustable paver supports supplied by Cemseal Industries Sdn Bhd (Tel: +607-558 3320, Fax: +607-556 9127, E-mail: info@cemseal.com.my) or approved equivalent.

GENERIC SPECIFICATION

The height-adjustable paver supports shall be manufactured from UV-stabilized recycled plastics, capable of bearing loads of more than 2,000 kg per pedestal with Singapore Green Label certification. The paver support shall be designed to allow for height from 24 mm up to 33 mm in increments of 1mm by adjusting the chocks. Additional height increment is achieved by adding 10 mm and / or 30 mm extender up to a maximum height of 153 mm.

Typical properties of the paver support:

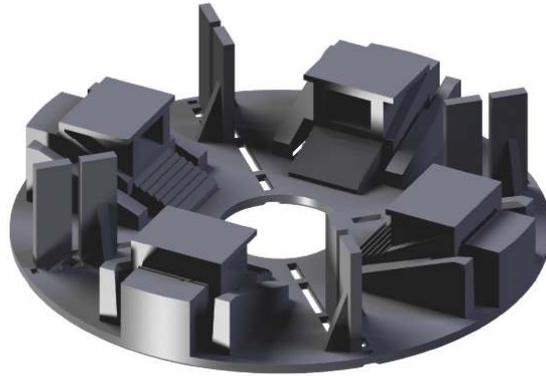
| PROPERTY | VALUE |
|---|--|
| Material | Polypropylene |
| Colour | Black |
| Weight | |
| Paver support with chocks | 130 g |
| 10 mm Extender | 80 g |
| 30 mm Extender | 140 g |
| Marginal adjustments | 1 mm |
| Spacer height | 40 mm |
| Spacer width | 4 mm |
| Flammability | Does not support combustion |
| Compression strength @ 153 mm height | >2,000 kg |
| Biological resistance | Unaffected by moulds and algae |
| Chemical properties | Resistant to rot, oils, acids, alkalis, bitumen and naturally occurring soil chemicals |
| Service temperature | -30°C to 80°C |

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3 EXECUTION

- 3.1** The proprietary materials specified herein shall be provided / installed in accordance to the project requirement as approved by the Superintending Officer.
- 3.2** Proprietary materials supplied shall be identified clearly with the product name and description. Packaged materials shall be stored in manufacturer's wrappings and containers with the manufacturer's labels and seals intact.
- 3.3** Prior to installation, the Contractor shall submit Method Statements and / or Shop Drawings for the installation of the paver support. The latter shall be on at least A3 size paper or larger and in a CAD-recognisable format.
- 3.4** Prior to commencement of the installation of the paver supports, the approved Method Statements and Shop Drawings shall indicate the paver size, pattern and grid layout, starting point and finished elevation as endorsed by the manufacturer or its approved representative.
- 3.5** Surfaces to receive the paver supports shall have at least a wood float finish and be clean and free of debris that will impair the performance of the paver support system. Concrete substrate must be cured for a minimum 28 days and dried.
- 3.6** The finished elevation less the paver thickness shall be established around the perimeter with laser levelling devices and water levels.
- 3.7** One paver shall be installed onto 4 adjustable paver supports at random positions for every 200 m². The pavers shall be installed at the correct elevation using a laser leveller device and serve as reference points to verify the exact elevation of the remaining pavers during the installation of the entire system.
- 3.8** Checks shall be made constantly for correct elevation of the installed pavers using a laser leveller device, automatic leveller and pre-installed reference pavers, markings and adjustable supports.
- 3.9** Minor irregularities in paver thickness shall be compensated for by using one or more of the movable chocks which are individually adjustable in increments of 1 mm.

SPECIFICATIONS



Cemseal VersiPave GP



10 mm Extender



30 mm Extender

CEMSEAL VERSIPAVE GP

PROJECT REFERENCES

ACS INDEPENDENT SCHOOL *Consultants Incorporated*

TANGLIN HILL RESIDENCE *Eco-id*

MARBELLA ROOF TERRACE *Stephen Caffyn Landscape Design*

THE PIER CONDOMINIUM *Sitetectonix*