

Segmental Pavers

Segmental Pavers are a flexible and hard wearing footpath treatment used throughout the city and are applied to many local and village streetscape settings.

Application:

Refer to CoA City Map Portal - Footpath Wearing Surfaces for application.

Loading(s):

- Loading Category A - LC-A
- Loading Category B - LC-B
- Loading Category C - LC-C

Refer to CoA representative for footpath loading map.

Paver Sizes & Tolerances:

- 'Grove Range' : 230x114x50 +/-1mm - to match existing
- 'Unipave Range' : 225x112.5x60 +/- 1mm - to match existing

Refer to CoA 464 & 465 for applicable paver thickness.

Surface Finishes:

- 'Sunburst Red' : to match existing
- 'Desert Sand' : to match existing
- 'Charcoal' : to match existing

Paver Edge Finish:

- 'Grove Range' : to match existing
- 'Unipave Range' : to match existing

Paver Shape Types:

- Type A - 'Unipave Range'
- Type C - 'Grove Range'

Refer CMAA - PA02 Figure 3 for paver shape types.

Laying Patterns:

- Herringbone bond (H) with 1x row of stackbond at kerb & property lines

Refer CMAA - PA02 Figure 4 for laying patterns.

Notes:

This Construction Standard to be used for 'replacement' works and/or projects only.

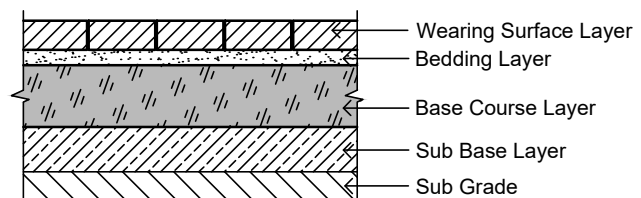


Segmental Pavers

Paver Properties & Criteria:

Material Properties	Test Method(s)	Test Standard(s)	Minimum Requirements
Breaking Load	AS4456.5: 2003	AS4455.2	6 kN
Slip Resistance	SI: AWL: 201	SAHB 198: 2014	< 1 in 14: P4 > 1 in 14: P5
Slip with A/wear	SI: AWL: 201	N/A	P3 at 10,000 cycles
Skid Resistance	SI: AWT	DIT Tech. Note 24	Minimum grip number 0.4
Skid with A/wear	SI: AWT	N/A	0.3 at 10,000 cycles
Mean Luminous Reflectance Value	AS1428.4.1 -2009	AS1428.4.1 -2009	Luminance contrast w/ integrated TGSI's not less than 30%

Typical Section Detail:



Refer to CoA 464 & 465 for Pavement Requirements

Standard Drawing References:

General

- TS 001 - Footpath Technical Specification
- CoA 420 - Loading Category Map
- CoA 421 - Standard Pavement Notes
- CoA 428 - CoA 430 - Joint Details - Cement Treated Base

Segmental Pavers

- CoA 463 - Wearing Surface Requirements
- CoA 464 - Pavement Requirements 1
- CoA 465 - Pavement Requirements 2
- CoA 466 - Pavement Arrangement



REV	DESCRIPTION	DATE	CONSTRUCTION STANDARDS PAVEMENTS SEGMENTAL PAVERS: WEARING SURFACE REQUIREMENTS	 CITY OF ADELAIDE
A	ORIGINAL ISSUE	11/22		

SHEET NUMBER	REVISION
PV046	A