

# Concrete Flagstone Pavers

*Concrete Flagstone Pavers are a high quality footpath treatment used throughout the city and is applied to city and historic locations.*

## 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:

- 900 x 600mm +/- 1mm - Typical
- 450 x 600mm +/- 1mm - Typical
- 60mm thick +/- 2mm - Typical

Refer to CoA 454 & 455 for applicable paver thickness.

## Surface Finishes:

- Standard - Typical

## Paver Edge Finish:

- Arised - no greater than 2mm

## Laying Pattern(s):

- Stretcher + Perpendicular - Typical - CBD
- Stretcher + Parallel - North Adelaide

Refer to CoA 456 for paving layout.

## Notes:

CBD: Slate Grey Colour Specification - CCS Voodoo 24kg oxide per cubic meter of concrete. Standard Grey Concrete pavers may only be used for isolated replacements. CoA to approve.

North Adelaide: Standard Grey Concrete Pavers

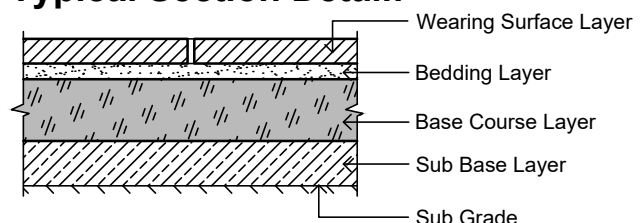


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## Paver Properties & Criteria:

Material Properties	Test Method(s)	Test Standard(s)	Minimum Requirements
Breaking Load	AS4456.5: 2003	CMAA-PA05 TABLE	18.8kN
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 TGSIs not less than 30%

## Typical Section Detail:



Refer to CoA 454 & 455 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

### Concrete Flagstone

- CoA 453 - Wearing Surface Requirements
- CoA 454 - Pavement Requirements 1
- CoA 455 - Pavement Requirements 2
- CoA 456 - Pavement Arrangement

**CoA 453** **CONCRETE FLAGSTONE PAVERS**  
WEARING SURFACE REQUIREMENTS

REV	DESCRIPTION	DATE	CONSTRUCTION STANDARDS  PAVEMENTS	 CITY OF ADELAIDE
A	ORIGINAL ISSUE	11/22		
B	PAVERS SIZE AMENDED	05/23	CONCRETE FLAGSTONE PAVERS: WEARING SURFACE REQUIREMENTS	SHEET NUMBER <b>PV036</b>
				REVISION <b>B</b>