

FLAGSTONE - Concrete Paver

Materials	800 x 400 x 50mm coloured pre-cast concrete pavers.
Finish	<p>Wearing surfaces shall have a sand finish and be 'charcoal' in colour to match bluestone.</p> <p>Pavers to be cast with chamfered edge allowing for a 7mm joint at finished surface level after laying. Maximum joint width should not exceed 13mm.</p>
Installation	<p>Pavers are to installed on a 4:1 sand:cement wet mortar bed with an approved bonding agent. Underside of all pavers to be primed with an approved bonding agent.</p> <p>Masonry saw shall be used to cut pavers where necessary.</p> <p>Pavers are to laid butt-jointed. After laying, apply a non-shrink grout to all joints. Grout is to be raked to finish 2mm below pavement surface level. Colour of grout to be obtained through addition of 'Abilox' CAF-X2 @ 4.15% dosage rate in grey cement.</p> <p>Expansion joints shall be located according to engineer's design. Fill expansion joints with 10mm wide 'Bitumastic', 'Comprebond', 'Abelflex' or other approved jointing material, pre-cut to size and so placed that the top of the jointing material shall be 7mm below the finished pavement level.</p>
Maintenance	<p>Normal pavement cleaning.</p> <p>Relay if base fail.</p> <p>Replace if paver is broken.</p> <p>Reinstate to match existing after works to underground services.</p>
Frequency	As required
Recommended Use	Recommended to be used in high traffic urban areas within Zone 2 and 3 of the Ringwood MAC.
Supplier	SVC - 'SVC Gattistone' PC 04.346S2 or approved equivalent.

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KERB & CHANNEL - Insitu Concrete

Materials	Cast Insitu concrete kerb
Finish	Steel trowel finish
Installation	<p>Minimum 75mm layer of bedding material consisting of 20mm Class 2 FCR is to be provided beneath kerb and channel.</p> <p>Where radial returns of less than 3 metres radius are encountered, approved framework shall be used.</p> <p>Installation is to be undertaken using an approved kerb making machine. Distinct and complete transverse joints shall be made at intervals not exceeding 2.5 metres.</p>
Maintenance	<p>Clean as necessary.</p> <p>Relay if base fails.</p> <p>Replace if broken.</p> <p>Reinstate to match existing after works to underground services.</p>
Frequency	As required
Recommended Use	Recommended to be used in high traffic urban areas within Zone 2 and 3 of the Ringwood MAC.

TYPICAL PAVEMENT Modules Zone 2-3 (Continued)

TREE PIT INFILL - Garden bed, Mulch

Materials	Garden bed, comprising imported topsoil, approved mulch and plant species as recommended in Street Tree Planting Guidelines Sheets .
Installation	Refer Street Tree Planting Guidelines Sheets .
Maintenance	Refer Street Tree Planting Guidelines Sheets .
Recommended Use	Recommended to be used in high traffic urban areas within Zone 2 and 3 of the Ringwood MAC.

TREE PIT INFILL - Gravel Mulch

Materials	Garden bed, comprising imported topsoil, approved gravel mulch and tree species as recommended in Street Tree Planting Guidelines Sheets .
Installation	Refer Street Tree Planting Guidelines Sheets .
Maintenance	Refer Street Tree Planting Guidelines Sheets .
Recommended Use	Recommended to be used in high traffic urban areas within Zone 2 and 3 of the Ringwood MAC.

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TACTILE GROUND SURFACE INDICATORS - TGSI

Materials	In situ surface treatment
Finish	'Ivory' colour. Finish to achieve minimum slip resistance rating of R11 in accordance with AS 4586 and HB 197
Installation	Install to AS/NZ1428.4 (2002). TGSI's are required to be installed on a kerb ramp if the distance between the building line/ boundary and the top of the kerb ramp is less than 3 metres, if the gradient of the kerb is between 1:8 and 1:8.5 or if the kerb ramp is aligned with the building line in the direction of travel.
Maintenance	Clean as necessary. Replace if dislodged or broken. Reinstate to match existing after works to underground services.
Recommended Use	Recommended to be used in all areas where required as per AS/NZ1428.4 within Zone 2 & 3 of the Ringwood MAC.
Supplier/ Product	'Tac-pave' in situ tactile ground surface indicator or approved equivalent

TYPICAL PAVEMENT Modules Zone 2-3 (Continued)

RF 017

BICYCLE PATH SURFACE MATERIAL - Emerald Plazicote

Materials	Integrally-coloured surface treatment.
Finish	Preferred colour is G13 Emerald (AS2700 S 1996) in accordance with Vicroads Cycle Notes No. 14 April 2005.
Installation	Application by specialist contractor only. Installation is to be in accordance with Vicroads Cycle Notes No. 14 April 2005.
Maintenance	Clean as necessary. Reinstate to match existing after works to underground services.
Recommended Use	Recommended to be used on all road designated cycle paths within Zone 2 & 3 of the Ringwood MAC.
Supplier	'Plazicote' specialist surface coating by Zaganite Industries or approved equivalent.