

FLAGSTONE - Bluestone

Materials	795 x 395 x 40mm sawn blueston pavers.
Finish	<p>All faces wearing surface to be gang frame shot sawn, sandblasted diamond sawn or shot rubbed diamond sawn.</p> <p>Pavers with vesiculations, veinging or fracture lines considered injurious to strength will be rejected. Total area of top surface perforations ('catspaws') per slab must not exceed 30% and no top surface perforations should exceed 5mm dia.</p>
Installation	<p>Pavers are to installed on a 3-50mm stiff mortar mix over a reinforced concrete slab. Slab design and reinforcement details are to be in accordance with the requirements of Council's engineering department.</p> <p>Pavement joints - other than expansion joints - should not exceed 5mm.</p> <p>After laying, apply a non-shrink grout to all joints. Grout 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. Width of expansion joint should not exceed 13mm.</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 1 of the Ringwood MAC.
Supplier	Local Approved Supplier of Victorian Bluestone

(Continued)

KERB & CHANNEL - Bluestone

Materials	300 x 300 x 450mm sawn bluestone kerb. 300 x 150mm in-situ concrete gutter (25MPa @ 28 days)
Finish	All faces wearing surface to be gang frame shot sawn, sandblasted diamond sawn or shot rubbed diamond sawn. 25mm bullnose radius to road edge. Steel trowel finish to gutter
Installation	Kerb stones are to be installed on minimum 100mm depth stiff concrete setting bed. Gutter to be installed on 100mm depth compacted 3% cement stabilised 20mm Class 2 FCR. Distinct and complete transverse joints shall be made at intervals not exceeding 2.5 metres.
Maintenance	Clean as necessary. Relay if base fails. Replace if broken. Reinstate to match existing after works to underground services.
Frequency	As required
Recommended Use	Recommended to be used in high traffic urban areas within Zone 1 of the Ringwood MAC.

TYPICAL PAVEMENT Modules Zone 1 (Continued)

RF 016

TREE PIT INFILL - Porous Pavement

Materials	Porous pavement comprising bonded 10mm blue metal aggregate mix. 'Hillview' 10mm minus Dromana granite gravel within 600mm dia. collar around base of tree.
Finish	Porous pavement should be finished flush with adjacent pavement levels
Installation	Porous pavement mix is to be poured in-situ to a depth minimum 40mm. Decomposed granite gravel is to be backfilled around base of tree and lightly compacted.
Maintenance	Reinstate to match existing after works to tree, adjacent pavement or underground services.
Product	'Soak Thru' Porous paving, or approved equivalent.
Recommended Use	Recommended to be used in high traffic urban areas within Zone 1 of the Ringwood MAC.
Supplier	Widely available - Council Approved Supplier

(Continued)

TACTILE GROUND SURFACE INDICATORS - TGSi

Materials	Extruded 316 marine grade stainless steel buttons
Finish	Milled finish. 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 1 of the Ringwood MAC.
Supplier	Widely available - Council Approved Supplier

TYPICAL PAVEMENT Modules Zone 1 (Continued)

RF 016

KERBSIDE TRADING INDICATORS - Paving indicators

Materials	90mm diameter x 10mm thick aluminium disks with engraved Maroondah City Council logo.
Finish	Finish to achieve a minimum slip resistance rating of R11 in accordance with AS 4586 and HB197.
Installation	<p>Rebate paver to sufficient depth to allow for epoxy adhesive and 10mm thick disk finished flush with pavement surface.</p> <p>Epoxy adhesive fix disks into rebate in paver and apply non-shrink grout to surround. Grout specification as per Flagstone RF16.</p>
Maintenance	<p>Clean as necessary</p> <p>Replace if dislodged or broken.</p>
Recommended Use	Recommended to be used in high traffic urban areas within Zone 1 where kerbside trading occurs.
Supplier	Maroondah City Council

(Continued)

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 1 of the Ringwood MAC.
Supplier	'Plazicote' specialist surface coating by Zaganite Industries or approved equivalent.