

Vehicular Paving

ORIGIN

- *Local basalt quarries in South Canterbury, New Zealand. (Volcanic Stone)*

SIZES

- *Standard thicknesses 50, 60 and 70mm*
- *Standard sizes 140 wide x random lengths 140-550*
- *Custom sizes available on request*

FINISHES

- *Sawn*
- *Rubbed*
- *Birds Pecked*
- *Tumbled*
- *Guillotine Split*

PHYSICAL PROPERTIES/TEST RESULTS

- *Compressive Strength (NZS 3116.1991) 69.0 mpa*
- *Tensile Splitting Strength (NZS 3116.1991) 15.0 mpa*
- *Flexural Tensile Strength (NZS 3116.1991) 15.0 mpa*

APPLICATIONS

- *Domestic and Commercial*

CHARACTERISTICS

- *Tolerances on thickness, length and width +/-1 mm, except for guillotine split which has a variation of +/- 8mm on thickness (top and bottom surfaces are generally both split)*
- *The “cats-paws” and “veining” of “Timaru Bluestone” set it apart from other basalts.*
- *A maximum of 30% of the slabs surface shall be made up of “cats-paws” and “veining”*
- *Design life of the bluestone paving is 50 years +*
- *Low maintenance*
- *The stone appearance will be enhanced as a natural patina forms*

VIEW

- *Caroline Bay Hall - Timaru*
- *Clearwater Resort - Christchurch*
- *Otago University - Dunedin*
- *Timaru Bluestone Industries Limited showroom*
- *Site 3 complex - Auckland*

AVAILABILITY

- *4-8 weeks*

INSTALLATION

- *We recommend that the pavers be laid in a sand/cement mix on a 75mm 20MPA concrete bed or equivalent, or alternatively an approved tile fixing compound.*
- *The mortar is to have an acrylic bonding agent added.*

- *A bonding layer of acrylic mixed with cement slurry must be applied to the back of stone slab and the concrete substrate.*

JOINTING

- *Special care must be taken if grouting is required or staining of the stone may result.*
- *Only a firm to hold grout should be used and this must be carefully pushed into the joint taking care not to push into stone surface. A 6mm joint should be considered as a minimum as any narrower would make it very difficult to avoid staining.*

CLEANING

- *Clean with "Spirits of Salts" to remove any mortar staining if necessary.*
- *Oil or other stains may require a strong detergent to remove, these should be trialled before committing wholly to. Aqua-mix heavy duty cleaner is recommended.*
- *Ensure that the all chemical residues are removed by flushing with clean water.*

SEALING

- *If sealing the stone ensure that you wash thoroughly with clean water and allow to fully dry.*
- *We recommend the Aqua-mix range of sealers, which are stone specific penetrating sealers:*
 - *Enrich"n"Seal for matt finish wet look (this darkens the stone)*
 - *Stone Sealers Choice for a natural dry appearance*
- *Care is to be taken to follow manufacturer's directions.*