

Auckland EXPOSED AGGREGATE

Firth Auckland offers 6 distinct pebble mixes:

- **13mm Whakatane Pebble**
(with and without fines)
- **16m Awatoto Pebble**
(with and without fines)
- **16mm Southern Blend**
(with and without fines)

A variety of Firth Elements and Atmospheric oxides can be added to colour your exposed aggregate finish, delivering unique and more vibrant finishes to your outdoor areas.

Exposed Aggregate is the name given to concrete which has been treated so that the top layer of cement paste has been removed. The result is the aggregate underneath becomes exposed to create an attractive, low maintenance and non-slip surface for your driveway, patio and paths. Coloured oxides can be added to further enhance the colours of the aggregate and Firth paving can also be incorporated to add stylish bands and borders.

Your trusted Firth concrete and masonry products now come with a Declare label. So if you're looking for products that are made with the passionate belief of durability, sustainability and a view to the future, choose Firth. Find out more: www.firth.co.nz/about-us/declare

Declare.

Firth Standard Concrete Mix
Firth
Final Assembly: New Zealand
Life Expectancy: 50+ Years
End of Life Options: Recyclable (100%)

Ingredients:
Golden Bay Cement GP/ITE Cement (GBC-0001);
Limestone, Iron Sand, Gypsum, Grinding Aid
(<0.03%); Sand; Recycled Water; Aggregates:
Greywacke/Basalt; Proprietary Admixtures
(<0.40%); Flyash

LBC Temp Exception T0-E4 Proprietary Ingredients <1%

Living Building Challenge Criteria:
FIR-0001
VOC Content: N/A
Declaration Status

ENV 01 FEB 20
VOC Emission
LBC Rec
LBC Co
Declare

Auckland

EXPOSED AGGREGATE RANGE



Whakatane Pebble 13mm

Ranging from 4.75 > 13mm

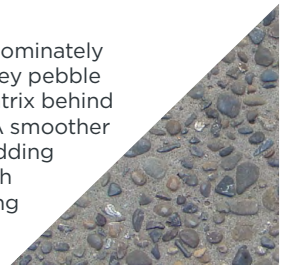
FINES *Extra grip underfoot*

Rounded pebble predominately brown tones, some grey pebble present, with added "pap" (fine aggregate) filling the background and around the pebble. Appearance is darker picking up the grey tones.



NO FINES

Rounded pebble predominately brown tones, some grey pebble present. Concrete matrix behind the pebble is visible. A smoother mix lending itself to adding colour - Choose a Firth Elements oxide to bring out warm tones of the pebble.



Awatoto Pebble 16mm

Ranging from 4.75 > 16mm

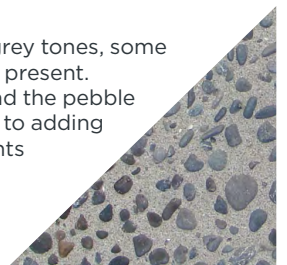
FINES *Extra grip underfoot*

Smooth pebble with grey tones, some brown pebble may be present. Added "pap" (fine aggregate) filling the background around the pebble giving a concentrated appearance.



NO FINES

Smooth pebble with grey tones, some brown pebble may be present. Concrete matrix behind the pebble is visible lending itself to adding colour - Firth's Elements Oxides, or shades of Atmospheric Black oxide for a more dramatic look.



Southern Blend 16mm

Ranging from 4.75 > 16mm

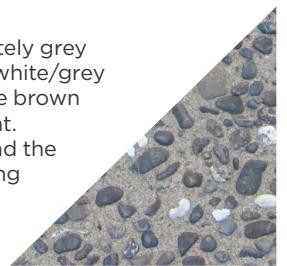
FINES *Extra grip underfoot*

Mixture of predominately grey tone and 10% glacier white/grey smooth pebbles, some brown pebble may be present. Added "pap" (fine aggregate) filling the background around the pebble giving a concentrated appearance.



NO FINES

Mixture of predominately grey tone and 10% glacier white/grey smooth pebbles, some brown pebble may be present. Concrete matrix behind the pebble is visible lending itself to adding colour - Firth's Elements Oxides.



TIP

Concrete can be dispensed direct from the concrete truck (Standard mix) but often site conditions dictate the use of a concrete pump (pump mix). **Note:** Not all pumps are capable of pebble mixes, please check with your pump operator before ordering concrete. We advise that No Fines mixes are not to be pumped. When exposing or polishing, the standard and pump mixes have a different appearance. Most pumped pebble mixes will have more fines (fine aggregate).

PLEASE NOTE:

NATURAL VARIATION: Material is sourced from natural product with naturally occurring variation in colour and texture.

PHOTOGRAPHIC REPRESENTATION: While every effort has been made to show a true representation of the size and colours of the mixes, please note there may be variation between the images shown here and the actual product.

FIRTH CONCRETE SUSTAINABILITY LIFECYCLE

- ✓ Environmentally compliant manufacturing plants
- ✓ Surplus water and some aggregates recycled
- ✓ Low transport impacts
- ✓ Leftover concrete returned from construction sites
- ✓ Passive solar heated thermal mass makes completed buildings more energy-efficient

- ✓ Most wash water returned from construction sites
- ✓ Highly durable, low maintenance buildings and no rot
- ✓ High degree of noise control
- ✓ Inherent fire resistance
- ✓ Overall longer effective building life
- ✓ Demolished concrete can be recycled as hard fill or aggregate



TO VIEW CONCRETE SAMPLES, VISIT THE FIRTH SHOWROOM AT THE HOME IDEAS CENTRE, THE STRAND, PARNELL

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