

## TECHNICAL DATA SHEET

- Exposed Aggregate
- Stencil Paving
- Stamp Impression
- Spray-On Paving
- Oxide Colours
- Sealers & Coatings

# Exposed Aggregate Retarder

#### DESCRIPTION

Milano Exposed Aggregate Retarder is an advanced water-based compound used to produce decorative exposed aggregate surfaces.

#### FEATURES AND BENEFITS

Milano Exposed Aggregate Retarder:

- Delays the set of the slurry on the surface of the concrete to expose the surface aggregate.
- Is formulated with thickening agents to retain extra hydration and is ideal for use in warmer conditions and/or sloping projects.
- Contains a highly visible colourant for greater visibility of areas covered.
- Accordingly to the criteria of Worksafe Australia, this product is non-hazardous.

#### ESTIMATING

Milano Exposed Aggregate Retarder should be applied at a rate of approximately 0.25 litres per m<sup>2</sup> in order to provide a nominal 4mm – 5 mm depth. In hot weather or high wind situations, the application rate should be increased to 0.3 litres per m<sup>2</sup>.

#### APPLICATION

Apply an even coat of Milano Exposed Aggregate Retarder to the surface as soon as surface bleed water has dried, or when slurry pits slightly when sprayed with the product. Milano Exposed Aggregate Retarder may be applied using a low pressure sprayer or soft bristle broom. For application by low pressure sprayer, use a large clean nozzle.

The treated concrete surface will eventually harden and should be checked regularly to assess the degree of exposure. Once the concrete has set (usually within 12 hours), the cement paste on the surface can be brushed off. The surface should then be washed off using a high pressure cleaner to remove any excess paste.

In hot weather or windy conditions, Milano Exposed Aggregate Retarder should be applied at a rate of 0.3 litres per m<sup>2</sup> and the cement paste may need to be washed off earlier, in most cases the same day. It is essential to protect the treated concrete surface from excessive drying elements such as direct sunlight or warm wind, which can cause the surface to dry out too quickly. The surface should also be protected from rain and dirt etc. It is possible to remove the cement paste the next morning in some instances, depending on concrete type and prevailing conditions such as humidity, temperature and wind.

#### CLEAN UP

Tools and application equipment should be washed in clean water.

#### PRECAUTIONS AND SAFETY DIRECTIONS

Milano Exposed Aggregate Retarder is slightly alkaline. Avoid contact with skin and eyes. Suitable personal protective clothing such as goggles, impervious footwear and gloves are recommended when using this product.

If poisoning occurs seek medical advice.

Milano Exposed Aggregate Retarder should not be stored in metal containers for extended periods of time.

#### FIRST AID

Skin – wash thoroughly and remove contaminated clothing.

Eyes – hold eyes open and flood with water for 15 minutes.

Ingestion – do NOT induce vomiting. Give a glass of water after rinsing mouth.

A full Material Safety Data Sheet is available on request.

#### ASSOCIATED PRODUCTS

Allcon Group supplies a large range of decorative and general concrete construction products including:

- Concrete Sealers & Coatings
- Hand Tools
- Slab Consumables
- Jointing Systems
- Equipment
- Safety & Site Supplies

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