

Dulux Avista Wet Concrete Surface Retarder



Pre-mixed surface revealing liquid for exposed aggregate finish on fresh horizontal concrete.

Description

Avista Surface Retarder is a water based retarder for concrete surfaces, which is ready for use on freshly laid concrete to reveal the aggregate content of the mix.

Uses

Avista Surface Retarder is used to reveal aggregate in freshly placed horizontal concrete by delaying the surface set so that the mortar paste may be washed from between the aggregate particles, after the mass of the concrete has set. This produces an attractive exposed aggregate finish, or a key for subsequent pours or renders, e.g. floors, driveways, paving, etc.

Advantages

- Ready to use, no mixing is required
- Water based
- Easy to see blue colour to ensure even coverage
- Long wash off time of between 3 to 24 hours
- Provides an attractive, decorative exposed aggregate finish
- Surfaces treated with Avista Surface Retarder provide an excellent key for bonding subsequent renders or concrete, without the need for hacking, or mechanical scabbling
- Economical and simple method of horizontal concrete surface revealing

Properties

Avista Surface Retarder is a stable water based solution and the active ingredients will remain in dispersion under sealed conditions. Avista Surface Retarder must not be diluted with any solvent or liquid.

Specific gravity: approximately 1.05 kg/L @ 20°C.

Application Temperature: 10 - 30°C.

Application Instructions

Application

Shake the product prior to use. Do not dilute contents. Apply an even coating via spray unit (garden sprayer or similar) directly onto the exposed upper surface of the concrete as soon as the initial 'bleeding' has finished, but before 'initial set' has occurred. When the Retarder is sprayed on the concrete, it will turn a blue colour making it easier to see when all the surface has been covered. Treated concrete surfaces must be protected from direct sunlight and wind, which may cause the surface to dry out rapidly. During the treatment process the concrete should also be protected from dirt and rain. Adequate curing procedures are essential.

After 3-24 hours, wash off using a high pressure water spraying unit (minimum of 2000psi) and a stiff broom to remove excess slurry. Care must be taken when using the high pressure unit to ensure the aggregate isn't removed. The time to remove the concrete paste is dependent on the type of concrete used, temperature, wind, humidity.

Cleaning

Spray equipment should be cleaned immediately after use with hot water.

Limitations

Approval test - always pre test on a small section to determine the appearance achieved. This is particularly important with finer aggregates such as 6mm and 9mm and with concretes with accelerated set additives such as calcium chloride, heated or steam cured concretes, etc.

Proper curing of exposed aggregate surface is essential for maximum strength development.

High temperatures will reduce retardation and high cement contents will also reduce retardation. When retardation has finished, concrete will cure to its full strength.

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Dulux Avista website www.duluxavista.com.au. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In an emergency, contact any Poisons Information Centre (Telephone 131 126 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Dulux Avista does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



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Supply

FD778167-20L AVS EXPOSED AGG SURFACE RETARDER
20L

COVERAGE

3 - 5m² per litre per coat

Storage

Protect from extremes of temperature. Store between 5°C and 35°C.

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