

Surface Retarder

Product Data Sheet



Grandtard SR/DE

Top Surface Retarder (Depth Etch) for Pavements and Other Face Up Exposed Aggregate

Product Description

GRANDTARD SR/DE is a specially formulated chemical retarder to provide a simple economical method of exposing aggregates for freshly poured concrete. As the concrete cures, the action of GRANDTARD SR/DE is to retard the setting of the cement in the surface matrix of the concrete. The next day, the surface concrete is brushed or washed away, leaving the aggregates exposed.

Customer Benefits

- Easy to use
- Economical
- Produces beautiful exposed aggregate surfaces
- Consistent results

Areas of Application

Principal applications are:

- Top surface retarder for pavements, construction joints and other face up exposed aggregate concrete applications

Application Procedure

Pour concrete and screed, float or trowel level. For increased texture, sprinkle extra aggregates on the surface and work with trowel making sure the aggregates are surrounded by cement paste.

Spray GRANDTARD SR/DE over entire area to be treated as soon as surface water has disappeared using an ordinary low-pressure garden sprayer. Cover the applied GRANDTARD SR/DE with plastic sheeting (black is recommended). After concrete has set overnight, remove plastic sheeting. Check small area to determine if concrete has cured sufficiently. Hose surface of concrete and remove unset cement matrix with coarse brush or broom. High pressure water is more efficient and should be used when available

For best results, GRANDTARD SR/DE should be applied immediately after surface or bleed water disappears. Delay in application will affect depth of etch.

Packaging

GRANDTARD SR/DE is available in 20 liter container and 200 liter drum.

Coverage

Use GRANDTARD SR/DE at the rate of 2.5 to 3.0 m²/liter.

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Storage

GRANDTARD SR/DE has a minimum shelf life of 12 months when stored in the original unopened containers under normal warehouse conditions.

Health and Safety

Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Fire

GRANDTARD SR/DE is water based and non- flammable.

Important Note

The information contained in this leaflet is published to the best of our knowledge and is supposed by current available data. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. Our guarantee is therefore limited to the quantity of the supplied material.

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Revision Date: June 28, 2021