

MAXCURE[®] SR

Water Based Surface Retarder for Concrete



MAXCURE[®] SR is designed to provide a simple, economical method of exposing aggregates in freshly poured face-up and face-down precast concrete panels or slabs. MAXCURE[®] SR retards the hydration of cement at the surface matrix of the concrete.

Uses

Surface retarder for producing exposed aggregate concrete finish in face-up and face-down precast concrete manufacture.

Benefits

- Economical in application
- Simply applied, straight from the container
- Need not use a mould release agent
- Good results with heat curing and high temperature concreting.
- Can be used on steel, glass fibre or timber form work.
- Non-toxic and non-flammable

Technical Support

The company provides a technical advisory service supported by a team of specialists in the field.

Depth of Exposure

Depending on the rate of application the depth of exposure can be 4 to 10mm on the concrete surface.

Properties

pH	6-7
Specific Gravity @ 30°C	Approx. 1.11

Instructions for Use

Timber formwork should be sealed with MAXCURE[®] MRA 102, shutter paint, to avoid absorption of MAXCURE[®] SR. Formwork and moulds must be clean and dry before application. Alternatively 2 coats of MAXCURE[®] SR on absorbing surfaces should be given for effective performance.

MAXCURE[®] SR must be applied in one even coat using a spray, brush or roller. Coverage rate is 8-12 m²/litre.

The material should be stirred well before use.

Before concrete is placed in moulds, the surface retarder should be dry. This typically takes 15 to 60 minutes depending on ambient conditions. Immediately after the concrete moulds are stripped, the retarded surface of the concrete can be exposed either by brushing and / or water washing.

Water washing should be carried out using a high pressure water jet at 5-10 N/mm² pressure. A wire brush shall be used to brush off the loose material.

To bring out the full colour of the aggregate for decorative finishes, the concrete face shall be washed with dilute MAXCURE[®] 10, multipurpose cleaning agent.

Cleaning

All tools and equipment shall be cleaned with water immediately after use.

Health & Safety Instructions

MAXCURE[®] SR is essentially non-toxic unless ingested in large quantities. Skin and eye contamination must be removed by washing with plenty of water. In case of severe eye infection or if swallowed medical advice shall be sought.

Fire

MAXCURE[®] SR is non-flammable.

Storage

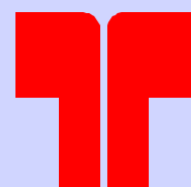
MAXCURE[®] SR has a shelf life of 12 months under normal warehouse storage conditions. MAXCURE[®] SR should be protected from frost. If the material becomes frozen, it should be completely thawed and then thoroughly mixed before use.

Packing

MAXCURE[®] SR surface retarder is supplied in 5, 20 and 210 litre containers.

Coverage

8-12 m²/litre



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Peru, Chile, Kenya, Nigeria, Brazil, Indonesia

Website: www.thermaxglobal.com

Thermax Business Portfolio

Chemicals

Absorption Cooling

Air Pollution Control

Boilers &Heaters

Power

Water & Waste Solutions

Solar

Other Segments:

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives

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