

YASH CURE - SS



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Liquid surface hardener, dust proofer and curing aid for concrete surfaces.

Description

Yash Cure - SS is supplied as a clear or white, non staining, non-toxic sodium silicate based aqueous solution, which when applied to fresh concrete surfaces, reacts with free lime and seals the pores, thus reducing the evaporation of water from the mix which assists the curing process.

Yash Cure - SS reduces the possibilities of shrinkage, hairline cracking and crazing by retaining moisture in the concrete for a longer time. Yash Cure - SS can be used in areas of poor ventilation and further treatment can be Yash on Yash Cure - SS coated surface.

Applications

Yash Cure - SS is recommended for new and old cementitious surfaces, such as concrete floors and granolithic paving. It should not be used to renovate concrete which is already disintegrating. Typical applications include:

- Factories.
- Warehouses.
- Garages.

Advantages

- Improves abrasion resistance.
- Single component.
- Durable.
- Cost effective.
- Easy application.
- Chloride free.

Method of Use

Substrate Preparation

A) For freshly poured concrete surfaces

No water bleeding should show before Yash Cure - SS application.

B) For hardened concrete surfaces

The substrate must be clean, dry, structurally sound, dense and free from oil, grease, dust and other contaminants.

A clean surface will ensure maximum penetration of Yash Cure - SS into the concrete surface.

Technical Properties:

Appearance	: Clear or white liquid
Specific gravity	: 1.1 ± 0.05 for clear 1.15 ± 0.05 for white

Surfaces contaminated by oil or grease should be treated with suitable chemical de-greaser then washed with clean water.

Areas deeply contaminated by oils or grease, should be treated by hot compressed air.

All contamination and laitance must be removed before Yash Cure - SS application to allow for effective penetration.

Application

Yash Cure - SS is ideally suited for treating vertical or horizontal surfaces which are to receive subsequent treatments, where wax resin based curing membranes would be unsuitable. Yash Cure - SS is ideally suited for use in reservoirs and other water retaining structures.

The fugitive dye used in Yash Cure - SS colours the treated surface temporarily so that the treated areas can be distinguished easily and multi pleapplications over the same area are avoided.

Yash Cure - SS should be applied as quickly as possible on fresh concrete ensuring there is no free water on the surface at the time of application.

On vertical surfaces after deshuttering, dampen the surface with clean water before the application of Yash Cure - SS. Yash Cure - SS should be spray applied at an application rate of 5.5 - 6 m²/litre immediately after final trowelling.

Curing

Under conditions of excessive heat or drying wind, polythene sheet may be used to cover the surface after application of Yash Cure - SS. The polythene sheet can be reused since it does not stick to the surface.

Cleaning

Tools and equipment can be cleaned with clean cold water.

Packaging

Yash Cure - SS is available in 5, 10, 20 and 200 litre pails.

Coverage

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The coverage is 5 - 6 m²/litre.

Storage

Store in a dry area out of direct sunlight at temperatures between 5°C and 35°C.

Shelf Life

Yash Cure - SS has a shelf life of 12 months from date of manufacture if stored in proper conditions and unopened packs.

If these conditions are exceeded, YASH Technical Department should be contacted for advise.

Cautions

Health and Safety

Yash Cure - SS should not come in contact with skin and eyes, however any accidental splashes to the eyes must be rinsed with clean water and seek medical advise. Suitable protective gloves and goggles should be worn.

Fire

Yash Cure - SS is nonflammable.

More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.