

Sethard S200

Ready to use liquid densifier for concrete surfaces



Description

Sethard S200 is a ready to use water based solution of sodium silicate that reacts with the free lime in concrete to provide a chemically hardened concrete surface with increased abrasion resistance and reduced dusting.

Applications

Sethard S200 is used for hardening and dustproofing internal and external concrete surfaces, in horizontal or vertical applications.

Advantages

- ▲ Improves abrasion resistance.
- ▲ Helps in creating a dustproof concrete surface.
- ▲ Single component, ready to use.
- ▲ Durable.
- ▲ Easy application.
- ▲ Does not discolor the concrete.

Method of Use

Substrate Preparation

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 Sethard S200 into the concrete surface.

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 Sethard S200 application to allow for effective penetration.

New Concrete Floors

Sethard S200 may be applied on newly laid concrete immediately after final trowelling, when the surface is firm enough to walk on and before temperature cracking begins using a low-pressure sprayer, soft bristle broom, brush or squeegee.

Technical Properties:

Specific gravity:	1.10 ± 0.05
Solids content:	9 - 10%
VOC:	< 10 g/ltr (complies with LEED)

Apply one coat of Sethard S200 at the rate of 300 - 400 ft²/gal (7.3 – 9.8 m²/ litres) without producing puddles. If surfaces dry immediately, apply more materials as the surfaces should remain wet for 30 - 40 minutes, working it in the concrete surface with a soft bristle broom.

Old Concrete Surfaces

Sethard S200 can be applied to cured concrete of any age. Apply one coat of Sethard S200 using a low pressure sprayer and soft bristle broom.

Use soft bristle broom to evenly spread Sethard S200 and ensure uniform wetting. If surfaces dry immediately, apply more materials as the surfaces should remain wet for 30 – 40 minutes.

Remarks

- ▲ Coverage may vary with the application method, surface conditions, and porosity.
- ▲ Sethard S200 is not a surface retarder. Do not apply during the final trowelling operations as discoloration may occur.
- ▲ Sethard S200's minimum application temperature is 41°F (5°C) and the maximum is 122°F (50°C).

Cleaning

Tools and equipment can be cleaned with clean cold water.

Packaging

Sethard S200 is available in 5 gal (18.9 ltr) pails, 55 gal (208.2 ltr) drums.

Don Construction Products Inc.
2826 Lineberger Industrial Dr.
Lancaster, SC 2970
USA



Sethard S200

Coverage

Approximately 300 - 400 ft²/gal (7.3 - 9.8 m²/litre) per coat, depending on the texture and absorption characteristics of the surface.

Storage

Store in a dry area out of direct sunlight at temperatures between 41°F and 95°F (5°C and 35°C).

Shelf Life

Sethard S200 has a shelf life of 12 months from date of manufacture if stored in dry conditions in original unopened packs.

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

Cautions

Health and Safety

Sethard S200 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 advice. Suitable protective gloves and goggles should be worn.

For further information refer to the Material Safety Data Sheet.

Fire

Sethard S200 is nonflammable.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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