



Prodasil 862W

Concrete Hardener and Dustproof

DESCRIPTION

PRODASIL 862W is a concentrated silicate solution which is applied to the floor. The solution permeates the substrate reacting with the soluble particles to form hardened crystals, leaving a permanently dust free surface.

USES

Prodasil 862W is directly applied to concrete to harden and dustproof the surface. Suitable for concrete and granolithic surfaces. Typical applications include industrial floors, warehouses, carparks etc.

ADVANTAGES

- Easy application to substrate
- Internal and external use
- Fast-acting to produce a highly durable dust-free surface
- Leaves a residual surface to prevent further dusting
- Helps prevent bloom / efflorescence

TYPICAL PROPERTIES

Property	Value
Appearance	Clear Solution
Specific Gravity (20°C)	1.2 g/cm ³
Freezing Point	0°C Approx.
pH	9 Approx
Drying Time	24 hours

PROCEDURE

Surface Preparation: Surfaces must be structurally sound and free from loose particles and surface laitance. Defects in the substrate should be repaired using Eponite GP repair mortar (see separate technical datasheet). Oil and grease contaminants should be removed using a suitable degreaser and the surface should be dry before application of Prodasil 862W.

Application: FIRST APPLICATION - Dilute at rate of 1 volume Prodasil 862W to 4-8 volumes of water depends upon floor porosity. Porous floors will absorb the material diluted at 1:4 whereas dense floors will require dilution of up to 1:8. The diluted material should be poured liberally over the floor by means of a watering can, swept over the surface by means of a hair or fibre broom and kept moving until absorption is no longer evident. The floor should remain saturated for 3 to 4 hours during which period any areas which dry out should be retreated. After this period all non-absorbed material should be removed by means of a rubber squeegee or soft broom. Immediately prior and during treatment the floor should not

be subjected to excessive heat.

SECOND APPLICATION - On the following day or after the floor has thoroughly dried out the same procedure should be carried out using a slightly more dilute mixture. On very porous floors a third application may be required. This is evident when the floor will still absorb the dressing at a fast rate. A greater number of more dilute applications is preferable to a fewer number of more concentrated applications.

Always wash down to remove unreacted material after use. Allow second coat to dry for 24 hours then hose down entire area with cold clean water.

NB. During application of Prodasil 862W it is advisable that rubber gloves and boots be worn. The material should not come into contact with glass or with painted or polished surfaces and any contact by splashes should be washed off immediately with water.

Coverage: As coverage capacity is dependent upon floor porosity it is not possible to quote a specific figure. However, experience has shown that an average coverage of 5-7 m² per litre Prodasil 862W per coat may be expected.

Equipment Cleaning: Clean equipment using clean water.

Curing: Allow 24 hours after final coat before trafficking.

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PACKAGING & COVERAGE

Pack size : 5 and 25 litre pack.

STORAGE

Store in dry conditions at temperatures between 10°C and 25°C.

Do not expose to freezing conditions.

LIMITATIONS

Do not apply to uncured surfaces.

Do not apply at temperatures of 3°C or less.

HEALTH AND SAFETY

Refer to separate Material Safety Datasheet.