

Conseal Silicate

Concrete Surface Dustproofer

Description

A concentrated aqueous chemical solution of metallic silicates which when diluted with water deeply impregnates cement bound floors hardening the matrix and rendering them dust free. A simple and economical treatment for warehouses, factory and industrial premises.

Advantages

- Dustproofs and reduces permeability to liquids
- Improves resistance to abrasion and wear
- Economical and easily applied by unskilled labour
- Fine particle size ensures excellent penetration

Surface Preparation

1. Any holes or imperfections should be repaired prior to application. Consult Nufins Technical Department for advice.
2. Any oil or grease should be removed using *Desolve*.
3. The surface should be well brushed to remove all surface dust and detritus material.
4. The concrete surface should be dry and have cured for at least 14 days. Coloured screeds require specific testing before use.

Application Instructions

Conseal Silicate should be diluted according to the adjacent table and applied at the recommended coverage's using a brush or watering can, ensuring that 'pooling' does not occur by brushing the excess over the surface. Second and third coats should be applied after each treatment is thoroughly dry. After final treatment the surface should be washed with water to remove any excess solution. This should be carried out 12-24 hours after final application. At high temperatures earlier washing is recommended. All equipment should be washed with water. Avoid contact with glass, metal, paintwork and fabric.

Power floated floors may require a different dilution due of the dense nature of the surface. An application of Conseal Silicate at a dilution of 1:5 may be suitable. A trial patch is recommended before full application

Type of surface	Coverage	No. of applications	Dilution ratios Conseal : Water
Porous to moderate density	5.5m ² /ltr	3	1:4 1 st coat
	4.5m ² /ltr		1:3 2 nd coat
	3.5m ² /ltr		1:2 3 rd coat
Dense	8m ² /ltr	1 or 2	1:4 1 st coat
	6m ² /ltr		1:3 2 nd coat
Grano/Terrazzo & Power floated	15-25m ² /ltr	1	1:5

Coverage rates are for guidance only, and will vary with application method

Packaging

Conseal Silicate is available in 15 and 200 litre containers.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the very latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

Storage

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.

Limitations

If the treated surface is to receive a subsequent surface coating we recommend that a test patch be prepared to check adhesion.



Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.