

Conseal Silicate

Concrete Surface Dustproofers & Hardener

Description

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

Advantages

- Dustproofs & reduces permeability to liquids
- Improves resistance to abrasion & wear
- Economical & easily applied by semi-skilled 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.
3. The surface should be well brushed or vacuumed to remove all surface dust and debris.
4. Concrete slabs should have cured for a minimum of 14 days and be surface dry. 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 using a brush or watering can, ensuring that 'pooling' does not occur, by brushing to spread the excess across the surface. Second and third applications should be made after each treatment is thoroughly dry. Following the final treatment, the surface should be washed down with clean water to remove any excess solution. This should be undertaken within 12-24 hours after the final application. For applications made in periods of high temperature, earlier wash down is recommended.

All equipment should be cleaned with clean water. Avoid contact with glass, metal, paintwork and fabric.

Power floated floors may require a different dilution due to 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	Number of applications	Dilution ratios Conseal : Water
Porous to moderate density	5.5 m ² per litre	3	1:4 1 st coat
	4.5 m ² per litre		1:3 2 nd coat
	3.5 m ² per litre		1:2 3 rd coat
Dense	8 m ² per litre	1 or 2	1:4 1 st coat
	6 m ² per litre		1:3 2 nd coat
Grano/Terrazzo & power floated	15-25 m ² per litre	1	1:5

Coverage rates for guidance only and should be checked on site. Variation will occur with application method and surface density.

Packaging

Conseal Silicate is available in 15 & 200 litre drums.

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.



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.

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.

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.