

RESIDENTIAL
& COMMERCIAL

INDUSTRIAL
& MARINE

ART
& CRAFT

SHIMICOAT
SURFACE SOLUTIONS



Densilicate

Concrete Densifier/Sealer

Usage

Each Liter covers 6sqm (6sqm/Lt) – Applied in multi-stages
20Lt Drum covers approximately 100sqm

Application

- Use Microfiber Flat Mop
- Apply in multi-stages
- DO NOT puddle, Lick wet the surface
- DO NOT walk over wet surface, NO footprints
- Read SHIMICOAT Polishing process for further information



Dry Time at 25°C

First Coat:	30 Min at 25°C
Consequence Coats:	20 Min at 25°C (Lick Wet)
Light Traffic:	3 Hours
Heavy Traffic:	24 Hours

Clean Up

Clean-Up with Water

SHIMICOAT Densilicate is a water-based product, water soluble and can easily be cleaned up by water.
Wash, rinse and flush with water. General purpose detergent can be used.

Preparations

Clean and dry surface. Ensure surface to be polished is free of all dirt, grease, oil, paint, curing agents and other contaminants. Removal of Oil Contamination by degreaser and alkaline cleaning pressure wash
Acid-wash to enhanced surface porosity and etch the surface.

For further information, please refer to SHIMICOAT Instruction for “Surface Preparations”

NOTE: Surface preparation for polishing is different to Epoxy coating. Please read SHIMICOAT Polishing Procedure for further information.



MATERIALS



CHEMICALS



RESINS



EQUIPMENT

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Direction

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Acid-wash to enhanced surface porosity and etch the surface.

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Using a watering can or straight out of the drum, pour small quantity of SHIMICOAT Densilicate onto the surface. Spread out in zigzag and crisscross action, using a flat microfiber mop. DO NOT allow puddling, DO NOT walk over the wet surface.

SHIMICOAT Densilicate creates a super-hard surface like Glass and it is important to apply uniformly without any footprints or roller marks. Apply at least 2 coats.

Read SHIMICOAT Polishing process for further information



Warning

- Please consult MSDS of the product prior to use.
- SHIMICOAT Densilicate will not penetrate through curing compounds or other coatings on the concrete being treated. These must be removed by mechanical means such as diamond grinding prior to application.
- Coverage and consumption rates will vary depending on the porosity and roughness of the concrete being treated. Stain resistance and sheen level will vary depending on the porosity and roughness of the concrete being treated.
- SHIMICOAT Densilicate works by reacting with Calcium Hydroxide available in the concrete. If the concrete had been rain affected or overworked in the laying process there may not be sufficient Calcium Hydroxide present for the reaction to occur. SHIMICOAT Densilicate will not rectify damaged concrete. In such situations, we recommend grinding and removal of the poor in Calcium Hydroxide and damaged top layer. The final grind may affect the overall characteristics of the floor. It is recommended to carry out grinding and slip trials on projects where slip may be of concern.
- SHIMICOAT Densilicate is not suitable for below freezing temperatures (Sub-Zero).
- Adverse weather conditions or humidity may affect cure time and application rates.

Storage

The products shall be stored out of direct sunlight and heat at all times. The shelf life of the product is 24 months, mix uniformly for 3 minutes prior to use.

For further information, please contact SHIMICOAT technical team.

DISCLAIMER

Material Safety Data Sheet, Technical and Environmental Data Sheet can be provided upon request.

The information provided in this document is guidance only and considering the uses of this product are beyond the seller's control, the product is sold without guarantees or warranties. Warranties and guarantees shall be governed by SHIMICOAT Standard Terms of Sale. The purchaser shall make its own tests to determine the suitability for their specific application, and Shimicoat Pty Ltd is taking no responsibility for misuse of the product. The purchaser assumes all risk of use and handling of this product. This product will be happily replaced or credited back if defective. Beyond this, Shimicoat Pty Ltd is not liable for any damages caused by this product or its use.

This information and all further technical advice are based on our present knowledge and experience.

The customer is not released from the obligation to conduct careful inspection and testing of supplied goods.