



PC-Sealcoat® Shield

Silicone-based colorless impregnation with deep-penetrating hydrophobic properties

PC-Sealcoat® Shield is a transparent, water-based silane/siloxane sealer meticulously crafted to protect a wide array of vertical surfaces. This innovative sealer presents a cost-effective method to shield surfaces from water infiltration and various environmental factors.

FEATURES

- Enhancing water repellency can significantly prolong the lifespan of a building.
- Compliant with VOC regulations set by the EPA and numerous regional authorities.
- Breathable formulation permits interior moisture to dissipate without compromising the integrity of the sealant.
- Transparent, non-staining composition preserves the original appearance of surfaces.
- Simple application process.
- Cost-effective solution offering long-lasting performance at a reasonable price point.

PRODUCTS PROPERTIES

| Physical Properties | Typical Value |
|-------------------------|--|
| Type of Product | Silicone based impregnation coat |
| Colour | Transparent |
| Density | g / cm ³ 1.00 |
| Form | Liquid |
| Pot Life | 20 minutes (water : powder = 0.15, +30 °C) |
| Drying time | 2 hours |
| Yields | 125 - 200ml per m ² depending on substrate porosity |
| Ambient Air Temperature | +5°C to +35°C |
| Coverage | 2-6 m ² /litre depending on surface conditions |

LIMITATIONS

- PC-Sealcoat® Shield** will only work where it can penetrate into the surface. Do not apply to non-porous surfaces.
- Protect windows and surrounding areas from overspray. Remove any overspray immediately whilst the product is still wet, with a damp cloth or sponge. Cured product may be removed with SILICONE EATER.
- Some surfaces, especially certain natural stones, may darken slightly when treated
- Do not use on fish ponds. Clean all equipment with water.

USES

As an efficient water repellent, it is effective on brick, stone, render, and pebble dashing surfaces.

CHARACTERISTICS / ADVANTAGES

- Invisible protection against rain penetration.
- Non-flammable formula.
- Protects masonry, brick and stone.

SURFACE PREPARATION

- The surface to be treated must be absorbent and dry.
- Ensure masonry joints are sound.
- Re-point if necessary.
- Damaged stones need to be replaced or repaired. Remove any algae and green growth with **PC-Sealcoat® Shield** before use.
- The surface must be clean (dirt leads to lower absorption rate).
- Surface salt blooming needs to be removed mechanically followed by cleaning with water.
- Surfaces cleaned with water must be allowed to dry prior to application

APPLICATION

Apply **PC-Sealcoat® Shield** onto the surface using a brush, roller, or low-pressure spray until saturation is reached. For surfaces with high absorbency, reapplication may be necessary, ensuring a wet-on-wet method. It is advisable to apply within a temperature range between +10°C to +25°C to optimize effectiveness.

PACKAGING

20 litre metal drum.

HEALTH AND SAFETY

Users are required to review the latest corresponding Safety Data Sheets (SDS) before utilizing any products. These sheets offer essential guidance on the secure handling, storage, and disposal of chemical products, encompassing pertinent physical, ecological, toxicological, and other safety-related data.



PC-WC GLOBAL FZ-LLC

Compass Building, Al Shohada Road Al-Hamra Industrial Zone-FZ,
Ras Al-Khaimah, UAE
Email : info@pc-wc.com
Phone +971542455817, www.pc-wc.com

TECHNICAL DATA SHEET UPDATED IN
SEPTEMBER 2020
TDS/PC-PC-SEALCOAT® SHIELD/20

All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Our technical assistance is at the disposal of the users. Consult the latest update of the technical data sheet on our website www.pc-wc.com