

PRODASIL 968

Clear Hydrophobic Impregnant

DESCRIPTION

PRODASIL 968 is a water based mixture of silane, siloxane and synthetic resins which imparts maximum water and oil repellency to mineral substrates such as concrete, stone, brick etc. Unlike traditional water-repellents it offers multi functional protection from water, oil, grease, paint etc. thereby enabling easier cleaning and removal of graffiti, posters, etc. It penetrates the surface pores to minimise its effects on the appearance of the substrate and has minimal effect on the water characteristics.

USES

PRODASIL 968 is a surface impregnant which can be applied to concrete, brick and stone to impart water and oil repellency. This helps protect the substrate from water and oil ingress and enhances freeze thaw resistance whilst enabling easier removal of oil, grease, paint and graffiti. It is particularly suited to the treatment of car park decks and other areas where oil repellency is required.

ADVANTAGES

- Typically applied by brush, roller or spray in 2 coats.
- Contains an advanced blend of resins to give full protection.
- Low-Hazard water based product with no flash point.
- Breathable – the pores of the substrate remain open and there is minimal effect on water diffusion.
- Imparts oil and water repellency to mineral substrates. Enhances dirt resistance of low porosity natural stone.
- Treated surfaces are simpler to maintain with oil, grease, paint, graffiti or posters easily removed.
- CE Marked in accordance with BS EN 1504 Part 2.

Property	Value
Colour	Clear
Specific Gravity	1.0
Flash Point	>100°C
PH (Approx)	5.5
Depth of Penetration	14.2MM
Drying Rate	14%
Water Absorption	2.15
Resistance to Alkali AR<7.5%	2.15
Resistance to Alkali AR _{ALK} <10%	5.90

PROCEDURE

Surface Preparation: The areas to be treated must be air dry, absorbent and free from existing coatings and all unsound material, i.e. Dust, oil, grease, corrosion by-products and organic growth. Use techniques capable of achieving the required degree of preparation such as wet grit or water blasting or equivalent approved methods.

Application: Prodasil 968 should be applied by brush, roller or spray at a coverage of 5m² to 7m² per coat, depending upon the surface roughness and porosity. Allow to dry for a maximum of 24 hours before applying a second coat as above. The hydrophobic and oleophobic effects start to develop within 24 hours.

Equipment Cleaning: Clean tools and equipment using clean water.



Revision date: 23/1/23

PACKAGING & COVERAGE

Pack Size: PRODASIL 968 is supplied in 5ltr packs.

Coverage: A coverage rate of 5m² to 7m² per litre is anticipated, however the porosity of the substrate greatly affects the coverage rate. A 5litre pack will cover 35m² with the recommended 2 coat treatment.

STORAGE & SHELF LIFE

PRODASIL 968 should be stored in clean dry conditions at temperatures between 0°C and 35°C, when stored in unopened containers product will have a shelf life of 2 years.

HEALTH & SAFETY

See separate material safety datasheet



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