

PRODASIL 900

POLYURETHANE BASED SURFACE SEALER

DESCRIPTION

Prodasil 900 is a single component, low viscosity moisture cured polyurethane coating. This is designed to provide a durable, impervious coating to construction surfaces such as concrete and stone. The low viscosity allows it to penetrate deep into the substrate which eliminates the need for a primer.

USES

Prodasil 900 is mostly used in areas such as warehouses where a hardwearing coating is required. It's a very tough sealing coat that increases both water resistance and durability significantly. With a wide-ranging chemical resistance and good degree of flexibility it is suitable for heavily trafficked areas.

Property	Value
Solid Content	19-22%
Flash Point	24-30°C
Colour	Amber
Viscosity	<100 mPa.s
Specific Gravity at 25°C	0.95
Solvent	Xylene
Abrasion Resistance (0.1mm film)	100mg wt loss
Elongation at break	90%
Chemical Resistance	Good resistance to industrial acids, alkalis, oils and solvents
Drying Time	Touch dry at 1hr. Hard at 4hrs.

PROCEDURE

Surface Preparation: Surfaces should be clean dry and free from dust, grease and other deleterious materials such as curing agents. Defects on the structure should be repaired using a suitable PREMCRETE REPAIR MORTAR. The surface should be dry to touch prior to the application of the sealer.

Application: Prodasil 900 should be applied using a suitable brush or roller or spray equipment. This should be applied in 2 coats, with the 2nd coat being applied as soon as possible to ensure a good inter-coat adhesion. If the 2nd coat cannot be applied quickly, then you should broadcast a quartz aggregate over the area to provide a key for the next coat. Brush off any loose quartz aggregate from the surface and apply the 2nd coat. Application should take place in a well-ventilated area.

PACKAGING & COVERAGE

Pack Size: 25ltr units

Coverage: Prodasil 900 covers approximately 4-6M² per litre.

STORAGE & SHELF LIFE

PRODASIL 900 should be kept in clean dry conditions at temperatures between 8°C and 20°C. When stored in unopened containers, the product will have a shelf life of 12 months.

HEALTH & SAFETY

See separate material safety datasheet