

Technical Data Sheet

Supascreed Primer & Floor Sealer



DESCRIPTION:

A two-pack waterborne epoxy primer and sealing system. Supascreed Primer & Floor Sealer (SPS Primer) is a low viscosity unpigmented primer specifically designed for priming porous surfaces prior to the application of allnex Supascreed based flooring and other epoxy flooring systems as well.

Supascreed Primer is also an excellent concrete and timber sealer.

TYPICAL FEATURES | BENEFITS:

- Water-based.
- Non-flammable.
- Very good abrasion and scuff resistance.
- Easily cleaned.
- Excellent adhesion to a wide variety of well-prepared substrates such as:
 - * New and existing concrete both precast and in-situ.
 - * Timber | plywood | composite sheeting,
 - * Fibre cement sheeting must be severely abraded to remove shop applied surface sealer.
- No odours.
- Tolerant of application to a slightly damp surface.
- Attractive Surface Finish – medium gloss.
- Hard wearing when used as a Floor Sealer

PERFORMANCE DATA:

Minimum Application Temperature: Air	+5°C
Maximum Application Relative Humidity: Air	85%
Slip resistance:	With added non-slip aggregates, (see later)
Chemical Resistance	Resistant to chemical spillage –cured 7 days at 25°C. Refer: Chemical resistance literature.

RECOMMENDED USES:

- Bulk retail.
- Factory floor sealer.
- Public areas of concrete to prevent food staining.
- Residential garages and workshops.
- Supermarket floors.
- Dust-proofing
- Food processing facilities.
- Pulp and Paper mills.
- Slip resistant floor finishes.
- Warehouses.

NOT RECOMMENDED:

- Application below +5°C.
- Will tolerate damp concrete.
- Application to incorrectly prepared surfaces.
- Application to green (uncured) concrete. Allow 28 days.
- Application to unsound substrates.

LIMITATIONS:

- Will yellow if used as a sealer alone and exposed to strong UV. (However, it will remain transparent). Interior product, but may be used exterior if strong yellowing and dulling is acceptable.

HEALTH & SAFETY: Refer materials safety data sheet.

(During application)

- Avoid skin contact.
- Wear safety equipment.

SURFACE PREPARATION:

Prepare concrete by mechanical abrasion method to **CSP2**.

Remove all concrete curing agents, contaminants and any other material likely to affect the adhesion of the Supascreed Primer & Floor Sealer.

QUALITY ASSURANCE:

The allnex Licensed Contractor shall ensure all QA checks have been undertaken prior to the installation process and subsequently during the installation process. The completed documentation must be made available to allnex and the client/clients authorised personnel.

The product is to be installed within the required control range to ensure a fully cured hard wearing monolithic floor topping system.

Information to be recorded daily is:

- Concrete sub-base or prefill mix.
- Material batch numbers used.
- Sequence of mixing, ratios and quantities and formula.
- Substrate moisture content & Substrate temperature.
- Ambient temperature | Ambient relative humidity.
- Daily detail of licenced contractors on-site.

SUPASCREED PRIMER & FLOOR SEALER MIXING RATIO & COVERAGE:

Resin: Part A	2.4 litre
Hardener: Part B	4.0 litre
Water - Clean potable	2.4 litre
Mix Total	8.8 litre kit
Kit Coverage @6m2/ litre /coat	
~ 1 x coat	52.8 m ²
~ 2 x coats	26.4 m ²
~ 3 x coats	17.6 m ²

MIXING METHOD:

Add complete contents of Supascreed Primer Resin (Part A) and Supascreed Hardener (Part B) to a suitable container. Power mix at low speed (approximately 300rpm) for 2 minutes ensuring both compounds are homogeneously blended and the colour is uniform.

Add water, scrape the pail sides with a long broad-knife and then mix again Mix slowly to avoid air entrapment.

Note: ensure no unmixed materials remain on the sides, rims or lips of the containers.

Allow material to stand for 2-3 minutes prior to use.

APPLICATION METHOD:

Brush | Roller

For use as a Primer:

Ensure good cross flow ventilation to accelerate the drying rate.

Apply 1 coat 6m2/litre

As applied, Supascreed Primer is a water-based **white** emulsion. **Wait** until it turns clear before application of Supascreed topping system. It will still be tacky but toppings may now be laid on it.

****Note****

Two coats may be required on very porous concrete

For use as a Sealer:

Ensure good cross flow ventilation to accelerate the drying rate.

Apply 2 coats @ 6m2/litre/coat

Thin even coats are required. Overlap build-ups and lines will be slow to dry.

Allow it to harden up before recoating or trafficked. This is normally overnight.

****Note****

Three coats may be required on very porous concrete

SLIP RESISTANT FINISHES: If used as a sealer

Typical co-efficient of friction “wet” NZS/AS3661.1:1993:

CF	Non-slip Media	Quantity m ²	Application
0.54	Microcells	2.78 grams	Mixed into kit - applied in second coat ~ 400 grams per 16 litre Kit ~ 100 grams per 4 litre Kit
0.56	Revtred	12 grams	Broadcast into second wet coat

PRODUCT PROPERTIES:

Pot Life	20°C ~75%RH	1 hour	
Touch Dry	20°C ~75%RH	60 minutes	
Hard Dry	20°C ~75%RH	24 - 48 hours	
Recoat time ~ Minimum ~ Maximum	20°C ~75%RH	As a Primer	As a Sealer
		60 minutes 8 hours	8 hours 12 hours
Clean Up	Wash hands with warm soapy water		
Dangerous Goods	Hazard Class 9 Packing Group III		
Packaging	6.4 litre Kit – Includes Resin & Hardener		
Shelf life	12 months from date of manufacture		

Date: Nov 2019

Replaces: Dec 2017

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