

Technical Data Sheet

Epoxy Coving Resin



DESCRIPTION:

Epoxy Coving Resin is a thix'd epoxy resin designed for use with the Supascreed industrial grade resin floor topping system. Epoxy Coving Resin has been specifically blended to produce a gelled structure to use as an adhesion promoter when installing Supascreed Coving. Epoxy Coving Resin may also be mixed in with the Supascreed Cove mix if required.

TYPICAL FEATURES | BENEFITS:

- Low Odour.
- May be used in food safe areas.
- Cured Film is non-toxic
- HACCP approved manufacturing process as part of the Supascreed Resin Floor Topping System.
- Will not support bacteria or fungal growth. Contains inhibitors to retard microbial growth.
- Non –flammable.
- Excellent adhesion to properly prepared substrates.
- Not moisture permeable.

PERFORMANCE DATA AND PRODUCT PROPERTIES:

Pot Life	+20°C ~50%RH	45 minutes
Hard Dry	+20°C ~50%RH	Standard Hardener 24 hours
Minimum Application Temperature: Air	+5°C	
Maximum Application Relative Humidity: Air	85%	
Recoat	Anytime within 24 hours. After 24 hours: Severe mechanical abrasion	
Thinning	NA	
Clean up ~ Tools	allnex acetone	
Dangerous Good Class ~ Epoxy Coving Resin ~ Epoxy Coving Hardener	Hazard Class 9 Packing Group III Hazard Class 8 Packing Group II	
Packaging ~ Epoxy Coving Resin ~ Epoxy Coving Hardener	20kg - Open Top Pail 6.7 kg - Open Top Pail	
Shelf life	6 months from date of manufacture (After this period consult with allnex)	

RECOMMENDED USES:

- Adhesion promoter when installing Supascreed or other epoxy coving.
- Epoxy Coving Resin may also be mixed in with the Supascreed Cove mix if required.
- Filling of small divots in concrete substrates prior to the installation of "Coating systems".

LIMITATIONS:

- Application to uncured concrete (minimum recommended cure 28 days). Tolerant of damp surfaces. (Refer to allnex Bulletin on application options on wet or uncured concrete).
- Application to unstable or defective substrates without approved remedial treatment prior to installation.
- Application below +5C.

SUBSTRATE: – Preparation

All substrates shall be stable and solid.

CONCRETE:

Shall have a surface which has been mechanically trowelled to AS3610:1995 U3/NZ/3114:1987U3 finish. A minimum compressive strength of 25MPa at 28 days cure.

A minimum of 28 days prior to the installation of Supascreed resin flooring system. The moisture content shall be less than 75% RH. (Refer allnex Bulletin on application options on wet or uncured concrete).

****Note****

The Supascreed resin floor topping system can be installed on 14 day old concrete providing conditions outlined in our Technical Bulletin 'Resin Floors on Wet Concrete' are complied with.

Prepare concrete by mechanical abrasion method to CSP7-8.

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

PLYWOOD | TIMBER:

Consult allnex for information

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 as part of the requirement for the Supascreed resin floor topping system.

PREPARATION: - Primer Installation

- Prime the correctly prepared area with minimum, one coat of Supascreed Primer.
- Coverage rate and number of coats will vary depending on the porosity of the substrate,
- Maximum coverage 6m²/litre/coat. Supascreed Primer Resin and Hardener are to be thoroughly mixed in the correct proportions and then diluted with clean potable water and remixed.
- Wait until Supascreed Primer has turned clear before over-coating.

EPOXY COVING MIXING RATIO:

Epoxy Coving Resin	3 parts by weight
Epoxy Coving Hardener	1 parts by weight

- Mix Coving Resin to a streak free homogenous mix and apply allnex Coving Resin to the correctly prepared and sealed substrate.
- Subsequently; Supascreed Coving is then applied ensuring the matrix is well compacted and free of ridges or unevenness.

HEALTH & SAFETY: Refer safety data sheets (SDS).

- Wear appropriate safety equipment and clothing
- The use of fans to provide positive forced air draft and/or extraction is recommended.
- Avoid skin contact.

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Replaces: NA

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