PROTECTIVE POLYMERS

Protect Base Coat

Product Description

Protect Basecoat is a moisture tolerant epoxy intended for use in areas where bonding is required to suitably prepared surfaces where loose material has been removed. The coating is used to cover and penetrate the substrate providing a stabilizing effect on the substrate and adhesion promoting properties for subsequent coatings.
Protect Base Coat has excellent adhesion to most new and aged substrates to provide a stable bond layer. When used over aged coatings requires testing to ensure compatibility.

Typical Use

Protect Basecoat is intended for use over bare metal sheet edges, gutter applications and any bare substrate where a challenging environment can be expected. It can be used under the range of Protective Polymers roof, gutter and repair coatings.

Technical Data

Volume Solids - 81%

Colour - Light Grey

Specific Gravity
2.1 kg/l mixed

Finish: Semi-Matt slight texture

Number of Coats 1

Mix ratio
7 - 1 by volume

Solvent:
Supplied ready for use

Pot Life
10°C 10 Hours, 20°C 8 Hours, 30°C 3 Hours.

Recommended Dry Film Thickness (theoretical 100% transfer)

	DFT per coat	WFT per coat	Theoretical Spreading rate m2/L
Range	65µm - 120µm	80 µm - 148 µm	recommended 8m²/lt kit
Recommended	80-100 µm	98-123µm	

Drying times

Protect Basecoat is a two component system that will cure at variable rates dependent upon temperature. The drying times shown below are a guide to be used for overcoating time. The minimum time for overcoating is determined from the time when the coating can be touched without leaving imprints in the coating.

10°C 8 hours min, 72 hours max
20°C 5 hours min, 48 hours max
30°C 3 hours min, 36 hours max

If the maximum overcoating is exceeded, the Basecoat should be re-coated with itself and the timings repeated.

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Surface Preparation

The performance of this paint will depend on the degree of surface preparation. All surfaces should be clean, free from loose contamination and free from standing water. The coating is tolerant of damp surfaces but is not suitable for application onto openly wet surfaces covered with condensed, flowing and/or standing water.

Previously Painted Surfaces: All surfaces should be clean, dry and free from contamination. Ensure compatibility of the coated substrates with the selected paint system. When re-coating aged coated substrates ensure that the existing coatings will bond correctly with the Protect Basecoat by performing an adhesion test on a pre-determined test area..

Application Conditions

The surface temperature must be a minimum of 3° above the dew point. Do not apply to substrates at temperatures below 10°C. Provide adequate ventilation during application and drying. The temperature of the paint should be at least 10°C.

Application Equipment

Suppled ready for use by Brush or Roller.
Spray application - please refer to Protective Polymers Technical Department for advice.

Brush and roller
Ready for use may be
Thined up to 5% as required

Mixing

Mix the base (Part B) to a smooth consistency add the cure (Part A (activator)) to the base and mix thoroughly.
The coating is supplied pre-measured to allow the part A component to be mixed directly into the part B container.

Precautions:
This product is for use only by professional Applicators in accordance with information in this Technical Data Sheet and the Safety Data Sheet (SDS). Refer to this product's SDS before using this material. Material Storage:
Store all coating materials in a dry place as close to room temperature as possible. Ideal storage temperature should be between 10˚C to 27˚C. Keep cans sealed and out of direct sun light when not use. Warm up cold material to room temperature before use.

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