

PROFESSIONAL EPOXY PROTECT

Two-component epoxy primer

TECHNICAL DATA SHEET

DESCRIPTION

Quick-drying, high performance epoxy primer that is easy to apply. It is suitable for substrates requiring a very high level of protection, above and below the waterline (steel, aluminium, composites, carbon and wood). Can be used on zones both in and out of the water. Optimised formula to allow for a longer period between coats.

Thinner / Cleaner

Thinner: PROFESSIONAL EPOXY THINNER

Cleaner: Use PROFESSIONAL EPOXY THINNER for equipment cleaning.

Surface conditions



Steel / Alloy / Iron / Lead / Aluminium: For Aluminium, Lead and Zinc/Galvanised Steel. Degrease with PROFESSIONAL DEGREASER. Sand using 60-120 grade paper. For Steel, grit blast to Sa 2.5 - near white surface metal. Clean thoroughly and allow to dry completely.

Wood/Plywood: Degrease with PROFESSIONAL DEGREASER. Sand smooth with 80-180 then 280 grade paper. Remove sanding dust by brushing or dusting. Wipe down with PROFESSIONAL DEGREASER and allow to dry completely.

GRP, EPOXY, CARBON FIBRE: Degrease with PROFESSIONAL DEGREASER. Sand using 180-220 grade paper. Clean thoroughly and allow to dry completely.

INSTRUCTIONS FOR USE

Mixing

Mixing Stir or shake individual components thoroughly. Add Curing Agent to the Base, stir and leave for 10 minutes to allow dispersion.

Other For maximum performance to be achieved, the curing temperature should be above 10°C.

A + B

Mixing ratio

3/1



Dry Film Thickness (DFT)

60 microns dry by roller/brush (120 microns wet)

130 microns dry by airless spray gun (290 microns wet)

RECOMMENDATIONS



Conditions

Temperature: 15-35°C (10°C min)

Ventilation and Humidity Control: Ensure adequate ventilation during use



Application Methods

Airless spray gun, roller, brush.

Airless spray gun: Pressure 165 bar. **Tip Size:** 1880-2680

Number of Coats







1-5 by roller depending on substrate and use

1-3 by airless spray gun depending on substrate and use

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PHYSICAL PROPERTIES

	Drying Times (touch dry)	1 hour: at 23°C	
	Overcoating Times (with itself)	APPLICATION WITH ROLLER OR BRUSH	APPLICATION WITH AIRLESS SPRAY GUN
		3 hours min – 1 month max: at 23°C 8 hours min. – 1 month max: at 15°C 12 hours min.– 1 month max: at 10°C	16 hours min – 1 month max: at 23°C 24 hours min. – 1 month max: at 15°C 30 hours min.– 1 month max: at 10°C
	Overcoating Times (with Polishing Antifouling Professional Explorer, Hard Antifouling Professional Racing ou Professional Epoxy Protect)	3 hours min. – 7 hours max: at 23°C* 6 hours min. – 8 hours max: at 15°C* 10 hours min. – 24 hours max: at 10°C* <i>*without sanding. If exceeded, apply one coat of PROFESSIONAL PRIMER PROTECT and PROFESSIONAL EXPLORER or PROFESSIONAL RACING.</i>	6 hours min. – 14 hours max: at 23°C* 8 hours min. – 18 hours max: at 15°C* 14 hours min. – 30 hours max: at 10°C* <i>*without sanding. If exceeded, apply one coat of PROFESSIONAL PRIMER PROTECT and PROFESSIONAL EXPLORER or PROFESSIONAL RACING.</i>
	Theoretical spreading rate	By roller/brush: 9m ² /L per coat By airless spray gun: 3.3m ² /L per coat	
	Volatile Organic Compounds	VOC (As Supplied): 464 g/L	
	Colours	Base (Component A): Grey or White Curing (Component B): Clear	
GENERAL INFORMATION			
	Storage	Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product to be realized ensure that between use the container is firmly closed and the temperature is between 5°C and 35°C. Keep out of direct sunlight. This product should be kept in securely closed containers.	
	Transportation	This product should be kept in securely closed containers during transport.	
	Compatibility / Substrates	Suitable for all listed substrates (cf Surface conditions). Do not apply over one pack products.	
	Shelf Life	2 years	
	Safety Precautions	Comply with all local safety, disposal and transportation regulations. Check the Material Safety Data Sheet (MSDS) and label of the individual products carefully before using the products. The MSDS's are available on our website or on request. The information given in this sheet is not exhaustive and can be modified when necessary. Disposal: Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.	