PRO-EPOXY METAL PRIMER

DATASHEET

Reference Date:
Issue 2, May 2021

1. Technical Data

Chemical Base: Epoxy/ Poly Vinyl Butyral

Application Temperature: 10-30°C

Viscosity: Part A: 500 - 800 cps @ 20°C
Part B: 20 - 200 cps @ 20°C

Drying Time: Touch Dry- 20 minutes @ 20oC
Hard dry- 30 minutes @ 20°C

Overcoating: Minimum: 8 Hours @ 10°C | 4 Hours @ 20°C | 2 Hours @ 35°C

Pot Life: 10 hours at 20°C

Mix Ratio: 1:1 by volume (2.5L Part A | 2.5L Part B)

Shelf Life & Storage: 12 month in unopened containers, stored in dry, cool conditions protected from frost

Coverage Rate: Typical = Coverage: 12m2 per litre
Maximum = Coverage: 24m2 per litre

PRO-EPOXY METAL PRIMER IS A TWO COMPONENT EPOXY / POLY VINYL BUTYRAL METAL PRIMER DESIGNED TO PROMOTE EXCELLENT ADHESION ONTO STEEL AND NON-FERROUS METALS.

2. Application

Surface Preparation: All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination. Where necessary, remove weld spatter and grind smooth all sharp edges and weld seams.

Mixing: Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator. Agitate periodically during use to ensure product remains homogeneous.
Mix immediately prior to using. Mixed material must be discarded after 10 hours at 20°C.

Application Conditions: Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the primer, the surface should be dry, the relative humidity should not exceed 85% and the steel temperature should remain at least 3oC above the dew point. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Product temperature should ideally be at a minimum of 10°C.

Application: Once surface is prepared and product is mixed as outlined above apply the primer via brush or gloss roller in 50 micron wet film thickness. Although the product will be hard cured in 20 minutes at 20°C, allow 24 hours for full cure prior to over coating.

Health and safety

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. This can be emailed if urgently required.

Minimum precautions for all paints:

1.Avoid skin and eye contact i.e. wear gloves, goggles, etc
2.Ensure good ventilation, mechanical if necessary.
3.Store and use away from heat and flame.
4.Do not eat or smoke in the vicinity of work.
5.Wash hands before eating.
6.Refer to supply container for additional warning labels.

PACKAGE DISPOSAL

The Hazardous Waste (England & Wales) (Amendment) Regulations 2016, The Special Waste Amendment (Scotland) Regulations 2004 and, The Hazardous Waste Regulations (Northern Ireland) 2005, state that all waste products which are classified as hazardous must be disposed of in the appropriate manner.
All liquid material must be fully cured before disposal and it is recommended that hazard labels are either removed, covered or marked as "neutralised" to avoid possible misunderstanding as these hazards relate to the product in liquid form only.

*All information quoted in this datasheet is subject to normal manufacturing tolerances. practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure. Applies only to two component products and refers the time the mixture remains usable.

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