

# Protectakote 2K Metal Primer

Protectakote 2K Metal Primer is a dual component etch primer suitable for achieving adhesion of polyurethane to all types of aluminium as well as all other metal types where adhesion is problematic. Protectakote 2K Metal Primer is suitable for applications involving complete immersion in water.

## PRODUCT USES

Some of the various areas where Protectakote 2K Metal Primer would be required are:

- Aluminium walkways and steps
- Hydraulic lifts
- Metal railings
- Stainless steel items
- Galvanized items
- Aluminium boats
- Glazed ceramic tiles
- Inside metal tanks
- Pipes and fittings, etc.

## COVERAGE

- Approximately 8-10 m<sup>2</sup> per litre

## COLOURS

- Yellow

## ADVANTAGES

- Free of toxic zinc chromate
- Fast drying
- Neutral colour: yellow
- Waterproof

## SURFACE PREPARATION

- Clean and degrease the metal thoroughly before application.
- If oxides are present, a light sanding may be necessary. Use P180-P250 grit sandpaper, removing sanding dust with a solvent wipe.
- Allow to dry thoroughly before application.

## APPLICATION

- Mix the preweighed packs together in a suitable container and when homogeneous commence application. If the packs are to be split into smaller quantities, observe the mix ratios given below.
  - Mixing ratio
    - 100:50 by mass (2 to 1)
    - 100:66.7 by volume (1.5 to 1)
- Apply a single coat by brush, roller or spray keeping the product as thin as possible. Spray using a 1.5mm nozzle and pressure of 3-4 bar.
- **Drying time:** 10 minutes at 25°C
- **Overcoating:** after 30 minutes and before 24 hours

## CLEANING

- Equipment may be cleaned with thinners. It should not be necessary to thin the product but thinning may be done using urethane-compatible '2K thinners'.

## IMPORTANT

- Protectakote 2K Metal Primer is not suitable for thermoplastic acrylics and NC products.

**SAFETY PRECAUTIONS**

- Protectakote 2K Metal Primer base contains solvent and as such is flammable.
- The activator contains acid - avoid contact with skin and wear glasses in case of splashes.
- Ensure good ventilation to prevent build up of flammable solvents.

**TECHNICAL DATA**

<b>PACK SIZE</b>	1.5kg & 6kg Kits (1.524 litre & 6.098 litre kits)		
No of components	Two		
Pot life	24 hours at 25°C		
Dry film thickness	20 - 26 microns for 8-10 m <sup>2</sup> /litre respectively		
Flash point	>23°C		
Service temperature	-30°C to 80°C		
Application temperature	5°C to 35°C		
Shelf life	12 months at 15-25°C		
Storage conditions	Cool dry place below 25°C		
Physical properties	Base	Hardener	
	Density	1.06 + 0.05 g/cm <sup>3</sup>	0.86 + 0.05 g/cm <sup>3</sup>
	Colour	Yellow	Clear
	Viscosity	95–105 seconds Ford cup 4	15-18 seconds Ford cup 4
	VOC (EU)	68 + 0.5 %	94 + 0.5 %

*Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase. Updated: March 2015 (this supercedes all previous publications)*