



# Product Information

## Protectakote 2K Primer

### Description

Protectakote 2K Metal Primer is a dual component etch primer suitable for achieving adhesion of Protectakote 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

Suitable for steel, zinc, light alloys and non ferrous metals. 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
- Galvanised items
- Aluminium boats
- Glazed ceramic tiles
- Inside metal tanks
- Pipes and fittings, etc.

### Advantages

- High build
- Free of toxic zinc chromate
- Pre-weighed packs
- Neutral colour
- Waterproof
- Bonds to most surfaces
- Fast drying time
- Compatible with Safekote, Protectakote and Protectakote UVR

### Coverage

Coverage: Approx. 12-14m<sup>2</sup> / litre.

### Surface Preparation

Clean and degrease the metal thoroughly before application with a solvent wipe. 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. We recommend using Xylene for the solvent wipes.

### Application Instructions

Mix the packs together in a suitable container and when thoroughly mixed and homogeneous commence application. If the packs are to be split into smaller quantities the mix ratio is 1.5 parts by volume of base to 1 part by volume of activator. (2 parts of base to 1 part of activator by weight) Apply a single coat by brush, roller or spray keeping the application as thin and even as possible avoiding any pooling or brush marks.

Drying time is 30 minutes at 25°C but we recommend not overcoating for 2 hours.

Can be overcoated up to 24 hours after application but if there is any likelihood of contaminants the surface should be solvent wiped with Xylene before overcoating with Protectakote or Safekote.

### Cleaning/Thinning

Equipment may be cleaned with thinners. It should not be necessary to thin the product. Ensure that thinners does not come into contact with Protectakote or Safekote as the alcohols contained in thinners will prevent their curing.



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### 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.
- Protectakote 2K Metal Primer is not suitable for thermoplastic acrylics and NC products
- Ensure good ventilation to prevent build up of flammable solvents.

### Accident Measures

- Spillage/leakage: Do not empty into drains, keep away from sources of ignition. Ensure ventilation in working area. Take up with absorbent material. Fill into sealable containers.
- Extinguishing media: extinguishing powder, CO<sub>2</sub> or halogens.
- Eye contact: rinse with water.
- Skin contact: wash with soap and water.
- Should Protectakote 2K Metal Primer be swallowed seek medical advice.

### Technical Data

Pack size:	1.5 kg & 6 kg kits
No of components	Two
Mixing ratio	2 parts by weight of base to 1 part by weight of activator (1.5 parts by volume of base to 1 part by volume of activator)
Pot life	approx. 24 hours at 23°C
Dry film thickness	15 microns per coat (spray)
Spray gun settings	High Pressure: Nozzle 1.3-1.7mm 3-5 bar HVLP: Nozzle 1.3-1.7mm 2-3 bar Thin to 18 seconds Ford cup 4 at 25°C using thinners if required
Touch drying time	~30 minutes at 25°C
Overcoating time	2 - 24 hours at 20°C
Service temperature	-30°C to 80°C
Application temperature	5°C to 35°C
Shelf life	12 months
Storage conditions	Cool dry place below 25°C

*Technical details above are provided in good faith. We are an ISO 9001 2000 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 user conduct his own suitability tests before use.*

**SUPPLIED BY : ZEST POLYURETHANES (PTY) LTD**

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