

ProtectaKote 2K Metal 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

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.

In fact, all applications where metals will be immersed in water for more than an hour

ADVANTAGES

- High build
- Pre-weighed packs
- Neutral colour
- Waterproof
- Bonds to most surfaces
- Fast drying time
- Compatible with ProtectaKote and ProtectaKote UVR

COVERAGE

Total coverage: About 7m² / l.

SURFACE PREPARATION

Degrease, then lightly abrade. Abrade metals with P80 - P180 grit. Sandblast with P360 – P400 grit if desired. Wipe with solvent and dry thoroughly before application.

APPLICATION INSTRUCTIONS

Mix the reweighed packs together in a suitable container and when homogeneous commence application. If the packs are to be split into smaller quantities the mix ratio is 2 parts by volume of base plus 1 part by volume of activator.

If a high build is desired, a second coat may be applied after waiting 5-10 minutes only for the solvent to flash off.

Drying time is 30 minutes at 25⁰C after which the topcoat may be applied.

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*Paints and Coatings for
Industry*

SOLVENT/CLEANING

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 as the alcohols contained in thinners will prevent the drying of ProtectaKote topcoats.

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 zinc surfaces
- 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, CO2 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:	1.5lt & 6lt Kits
No of components	Two
Mixing ratio	2 parts by volume of base to 1 part by volume of activator
Pot life	24 hours at 25 ⁰ C
Dry film thickness	25 microns per coat
Spray gun settings	gravity feed: 1.5-1.8mm 2.00mm tip 2-4 bar siphon feed: 1.8 – 2.2mm 2.00mm tip 2-4 bar Thin to 18 seconds Ford cup 4 at 25 ⁰ C using thinners if required
Touch drying time	~30 minutes at 25 ⁰ C
Overcoating time	30 – 60 minutes at 25 ⁰ C
Service temperature	-30 ⁰ C to 80 ⁰ C
Application temperature	5 ⁰ C to 35 ⁰ C
Shelf life	12 months
Storage conditions	Cool dry place below 25 ⁰ C



SPECIALIST PAINTS FOR INDUSTRY

Technical details above are provided in good faith. The manufacturer is an ISO 9001 2000 registered company and the products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of the 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.

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