



PROTECT-KOTE CLEAR PRIMER USAGE SHEET

Description: Protecta-kote Clear Primer is a single component primer treatment, which can be used to prepare inorganic surfaces such as marble, glazed tiles and aluminium prior to the application of a polyurethane coating.

This product ensures excellent adhesion of reactive, solvent-borne urethanes to non reactive inorganic surfaces without changing their appearance, thereby allowing the application of clear protective or non-slip coatings.

Advantages: Protecta-kote Clear Primer is non-toxic and easy to use.

Protecta-kote Clear Primer does not acid etch the surface and therefore can be used on a multitude of inorganic surfaces where it will provide superior adhesion without damaging the surface or changing its appearance.

Protecta-kote Clear Primer does not create a film which could discolour, but changes the surface by attaching an organic molecule which can subsequently react with urethane.

Coverage: 1 litre is required for every 10 square meters.

Surface preparation:

- 1) Use water containing liquid detergent to remove all contaminants such as dust, dirt and oils.
- 2) Dry the surface.

Application instructions: Using gloves and eye protection, apply the product using a clean and dry paintbrush or roller. The product may also be sprayed using conventional spray equipment for low viscosity liquids.

It is not necessary to thin the product. Use straight from the tin. Avoid using other containers, which may be contaminated.

Create a film of the primer treatment on the substrate and allow to dry. Re-apply to any areas, which have been avoided due to surface tension.

If problems persist in wetting a certain area it may still be contaminated with oil. Clean again and re-apply. Protecta-kote Clear Primer does contain a wetting agent and surface tension effects are not expected on an oil-free surface.

Drying time: Protecta-kote Clear Primer evaporates rapidly in a thin film and will be dry and ready for over coating after 30 minutes under normal temperature and humidity.

Over coating window: Once treated (as demonstrated by a slight matting of the surface) the surface must be painted within 6 hours. If this window is exceeded, reapply the treatment.

Precautions: Protecta-kote Clear Primer contains water and alcohols. Do not allow contamination of your reactive urethane or a rapid development of heat and pressure will result. In addition, the ability of the urethane to cure may be reduced.

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Accident measures:

- Spillage/leakage: Do not empty into drains; keep away from sources of ignition. Ensure ventilation in working area. Clean up using absorbent material. Fill into sealable containers.
- In case of fire: extinguishing powder, CO₂ or halogens can be used.
- Eye contact: rinse with water.
- Skin contact: wash with soap and water.
- Should Protecta-kote Clear Primer be swallowed seek medical advice for ingestion of organosilanes.

Technical data:

Pack size:	0.5 L, 1L & 4 L
No of components:	one
Drying time:	<20 minutes (at 25°C and 50% relative humidity)
Overcoating time:	Ideal: 30 mins (at 25°C and 50% relative humidity)
Percentage solids:	zero
Percentage VOC:	<400 g/l
Service temperature:	-30°C to 100°C
Application temperature:	10°C to 35°C
Specific Gravity:	0, 84 g/cm ³
Viscosity:	1-5 cP at 23°C
Flash point:	>200°C
Hazardous reactions:	Exothermic reaction with isocyanates; may react with water under basic or acidic conditions to form a gel.
Toxicity:	Low
Thinning:	Not required
Shelf life:	18 months
Storage conditions:	Cool dry place below 25°C

The information contained in this leaflet is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any freedom from patent infringement.

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.

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