

Clear Primer Treatment

DESCRIPTION

Clear Primer Treatment 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 ProtectaKote and SafeKote.

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

Advantages

Clear Primer Treatment is non-toxic and easy to use.

Clear Primer Treatment 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.

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

COVERAGE

Minimum 10m² per litre. Alternatively, 1 litre is required for every 10 square meters.

SURFACE PREPARATION

Use water containing liquid detergent to remove all contaminants such as dust, dirt and oils. 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. Clear Primer Treatment does contain a wetting agent and surface tension effects are not expected on an oil-free surface.

Drying time: Clear Primer Treatment evaporates rapidly in a thin film and will be dry and ready for over coating after 30 minutes under all normal conditions of 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.

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*Paints and Coatings for
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PRECAUTIONS

Clear Primer Treatment contains water and alcohols. Do not allow contamination of your reactive topcoat with it - a rapid development of heat and pressure will result. In addition, the ability of the topcoat to cure may be reduced.

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 Clear Primer Treatment be swallowed seek medical advice for ingestion of organosilanes.

TECHNICAL DATA

Pack size:	1lt & 4lt
No of components	one
Drying time	<20 minutes (at 25°C and 50% relative humidity)
Overcoating time	Ideal: 30 minutes (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	-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

Technical details above are provided in good faith. 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/her own suitability tests before use.