

PRODUCT SPECIFICATIONS

Product Description

A solvent based primer synthetic anti-corrosive paint specially designed for use as a primer for steel surfaces on all types of automobiles, industrial machinery and appliances.

Design Feature

- As a primer coat on steel substrates for the refinishing / refurbishment of cars, vans, trucks, buses, tractors & other heavy equipment.
- Excellent adhesion and anti-corrosive properties.
- Resistant to spillage of petrol and diesel fuels.
- Designed for topcoat for Autocare Enamel.

Physical Characteristics

Recommended Application Data		Wet [μm]	Dry [μm]	m^2/l
Theoretical Coverage		88	35	11.43
Volume Solids	:	40% (based on ASTM D2697)		
Dry Film Thickness Range	:	35 μm to 40 μm		
Flash Point	:	25 °C		
Finish	:	Matt		
Colour Range	:	Grey		
Standard Packing Size	:	5 litres		

Application Method

BRUSH, ROLLER OR	:	Recommended methods of application.		
CONVENTIONAL AIR SPRAY	:	May be used. Dilution may be required to achieve good atomisation		
AIRLESS SPRAY	:	May be used.		
		Tip Size	:	0.43 – 0.53 mm (17 – 21 thou)
		Pressure	:	110 – 160 kg/cm ² (1600 – 2300 psi)

Drying Time

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Min.	Max.
15 °C	30 minutes	8 hours	36 hours	Indefinite
25 °C	20 minutes	4 hours	24 hours	Indefinite
35 °C	15 minutes	3 hours	16 hours	Indefinite

Useful Information

THINNER	:	SOLVALUX 7-9 (Maximum 10% addition)
CLEANER	:	SOLVALUX 7-9
STORAGE	:	Store in a cool dry shaded area.
SHELF LIFE AT 25 °C	:	12 months minimum when stored as prescribed in the MSDS.

Surface Preparation

The service life span and the service performance of AUTOCARE PRIMER are directly related to the degree of surface preparation.

- The steel surface coated should be dry, sound and undamaged. It shall be free of surface contaminants such as grease, oil, dust, salts and rust.
- Soluble salts must be removed by washing with fresh water. Dry brushing should be done to remove dirt and dust. If oil or grease is present, clean using mild detergent or solvent and rinse thoroughly.
- If there is evidence of rusting, the affected areas should be thoroughly sand down with sandpaper or mechanical tools to ensure complete removal.

To avoid condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.

Suitable Finish Coats

Luxol 3000, Luxol 5000, Autocare Enamel

Notes

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- Do not over apply this product beyond the recommended film thickness as this may result in extended drying times beyond those quoted overleaf.

Safety Precaution

- Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.
- This product contains low flash point solvents, do not use in poorly ventilated areas especially in confined tank interiors.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapour or spray mist.
- This product is flammable. Keep away from sources of ignition. Do not smoke.
- Take precautionary measures against static discharge.
- In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

First Aid

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.
- Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

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