

PRODUCT DATA SHEET

September 07, 2018

BILUX PREMIUM 2:1 CRYSTAL CLEAR (33700000)

DESCRIPTION

BILUX PREMIUM 2:1 CRYSTAL CLEAR

It is a high-performance two-pack acrylic urethane clearcoat designed for the repair and respray of motor vehicles as part of a basecoat/clearcoat repair process.

PRINCIPAL CHARACTERISTICS

- Excellent wet look appearance
- Fast Dry
- Ease of application
- High dry film thickness
- Excellent adhesion property

CLARITY AND GLOSS

- Clarity - Clear
- Gloss @ 20° – 90-100

BASIC DATA AT 30°C

Data for mixed product	
Number of components	Two components
Weight Per Litre	1.00 Kg/Litre
Recommended dry film thickness	40 - 50 µm depending on system
Theoretical spreading rate	9- 11 m ² /l for 40 µm
Shelf life	24 months when stored cool and dry condition

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Surface temperature during application should be between 25°C and 40°C
- Relative humidity during application and curing should not exceed 85%
- Coating performance is proportional to the degree of surface preparation. All previous coats must dry and free of contaminants

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Application Parameters	
Application Method	Conventional spray
Recommended Hardener	Hardener for 2:1 PU Clear
Recommended Thinner	Bilux PU Thinner / ACS PU Thinner
Mixing Ratio (By Volume)	2 :1 :1
Application viscosity (on FCB4 cup)	17 – 20 secs @ 30°C
Surface Dry	8-10 Minutes
Tack Free	3-4 Hours
Hard Dry	Overnight
Pot Life	Min 4 Hrs
Pressure	2.5 - 3 bar
Substrate	Mild Steel
Film Thickness	40 – 50 μ

Application Procedure

Mild steel substrate ----> Degrease the substrate ----> Apply Bilux PU PS Grey (DFT 45-55 μ) ----> F/o 10-15 min for baking schedule 80°/30 mins or Air dry for 24 hrs -----> Apply Bilux Basecoat (DFT 12-20 μ) -----> Apply Bilux Premium 2:1 Crystal Clear (DFT 40-50 μ) ----> F/o 10-15 min for baking schedule 60°/30 mins or Air dry for 24 hrs

Storage:-

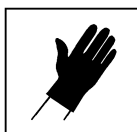
Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling:-

Handle with care. Stir well before use.

HEALTH AND SAFETY

For detailed information on the health and safety hazards and precautions for use of this product, please refer to The Material Safety Data Sheet (MSDS).



DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.