

Technical Data Sheet

Overall

Description

Diamond Overall Undercoat White is an excellent quality alkyd-based, non-absorbent, intermediate coat which gives maximum enamel hold-out and provides a smooth and tough surface. It is highly recommended for use on all interior and exterior surfaces like wood, metal, iron, cement etc.

Recommended use

It is suitable for all wood and metal surfaces.

Physical properties

Colour	White
Finish	Matt
Solids (vol %)*	60 ± 2
Flash point	> 34 °C
Specific Gravity	1.30 – 1.60

Film Thickness and Spreading Rate

Film Thickness	30 microns dft
Spreading rate	14-18 (m ² /Ltr/Coat)

Surface Preparation

Wood

Surface must be dry and free from dirt, grease and other contaminants. Smoothen the surface with sandpaper and then clean off and dry. The scraped areas should be primed by using an undercoat for wood surfaces. Light sanding on surface would ensure better subsequent intercoat adhesion.

Metal

Surface must be dry and free from dirt, grease and other contaminants. Ferrous substrate should be sanded or wire-brushed to remove mill scales and rust. Clean off dust and dry. The scraped areas should be primed using a primer for metal. Light sanding on surface would ensure better subsequent intercoat adhesion.

Application data

Application Method	Spray (airless or conventional), Brush, Roller.
Thinner/Cleaner	Mineral Turpentine.
Thinning	10-20 % Mineral Turpentine.

Drying Time

Temperature	Dry to touch	Dry to handle	Recoating Time
25 °C	3 hours	24 hours	12 hours
35 °C	2 hours	20 hours	10 hours

Typical paint system

Diamond Overall Red Oxide Primer	1 x 30 µm
Diamond Overall Undercoat	1 x 30 µm
Diamond Overall Synthetic Enamel	2 x 30 µm

Overall Undercoat white



Storage

The product must be stored in accordance to the national regulations. The product should be kept in a well-ventilated place, protected from heat and direct sunlight. The containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing Size

0.91 Ltr, 3.64 Ltrs and 14.56 Ltrs.

Health and Safety

Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist and vapours and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.



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