

Technical Data Sheet

Unicoate PU Primer

UP4100

Description:

A High quality two component Polyurethane pigmented surfacer primer for all types of wood and steel works, for interior and exterior applications.

Surface Preparation and Application Method:

1. The surface should be dry, and free from dirt, oil, grease, and powdery material.
2. Sand the entire surface until completely smooth.
3. Apply two coats of **Unicoate PU** Primer by cross-coat technique in order to obtain a high build and ensure optimum spreading.
4. Allow Three (3) minutes to flash off between coats.
5. Fill holes and cracks with **Unicoate NC** wood filler.
6. After drying, sand the surface until completely smooth.

Features:

7. Excellent coverage
8. Scratch resistance
9. Excellent Adhesion
10. High build

Dilution and Application:

Mixing ratio	: 2 Part Primer UP4100 : 1 Part Hardener UH1110
Potlife(at 25 C)	: Maximum 90 minutes
Type of thinner	: Unicoate P850
Percentage of thinning	: 15 – 25 % by volume
Nozzle orifice	: 1.0 – 1.5 mm
Output pressure	: 2- 3 bar
Tools	: Air spray gun

Unicoate PU Primer can be also used by brush or roller.

Drying time (at 25C):

Touch dry	: Maximum - 60 minutes
Sand ability	: Minimum - 60 minutes
Hard dry	: 2-3 Hours

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Physicals Properties:

Finish	: Matt
Flash Point	: 25 C
Specific Gravity	: 1.35 - 1.45 kg/L
Solid by Weight	: 50 - 60%
Coverage rate	: 10 - 12m ² /L
Dry film thickness	: 50 - 60 microns
Shelf Life (dry and cool store)	: Two years

Packing:

18 L drum + 9 L drum Hardener

Colors:

White & Black

Subsequent Coats:

Unicoate PU Top Coat

Remarks:

Before Application

- Stir thoroughly
- Check Temperature above 7 C and relative humidity less than 80%

After Application

- Clean all tools used immediately with NC Thinner
- Close the cans after use
- Store in a dry and cool area

For more information, don't hesitate to contact our Technical Department.