

Technical Data Sheet

Unicoate Epoxy Primer

UE 2010

Description:

A two-component pigmented Epoxy Primer for concrete, metal, and steelworks.

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 Epoxy 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 epoxy filler**.

Features:

1. Excellent resistance to corrosion
2. Excellent coverage
3. Excellent mechanical and abrasion resistance.

Dilution and Application:

Type of thinner	: Unicoate E850
Percentage of thinning	: 5 – 10 % by volume
Mixing ratio	: 4 Part A : 1 Part B
Nozzle orifice	: 1.5 - 2 mm
Pot Life (after mixing at 25C)	: 4-5 hours
Output pressure	: 3 - 4 bar
Tools	: Air spray gun

Unicoate Epoxy Primer can be also used by roller.

Drying time (at 25C):

Touch dry	: 3-4 hours
Hard dry	: 8-10 hours

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Physicals Properties:

Finish	: Matt
Flash Point	: 25 C
Specific Gravity	: 1.45 – 1.50 Kg/L Part A : 0.95-0.98 Part B
Solid by Weight	: 50 - 60% Part A : 45-50% Part B
Coverage rate	: 10 - 12m ² /L
Dry film thickness	: 30 - 40 microns
Shelf Life (dry and cool store)	: One year

Packing:

16 Litter drum Part A + 4 Litter Part B,

USG Gallon Part A + 1 Litter Part B

Colors:

White and Grey

Subsequent Coats:

Unicoate Epoxy Topcoat

Remarks:

Before Application

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

After Application

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

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