

Technical Data Sheet

Unicoate High Solid Epoxy Flooring

UE 2650

Description:

A two-component pigmented Epoxy Flooring coating for extreme wear and tear area for specially prepared concrete surfaces. Such as warehouses, factories, car parks, laboratories and etc.

Surface Preparation and Application Method:

1. The concrete should be dry, and free from dirt, oil, grease, and powdery material.
2. Sand the entire surface until completely smooth.
3. Apply one coat of **Unicoate High Solid Epoxy Sealer/ Unicoate Epoxy Primer**.
4. Fill holes and cracks with **Unicoate Epoxy filler**.
5. Apply one coat of **Unicoate High Solid Epoxy Flooring**.
6. After 24 hours, apply a second coat of **Unicoate High Solid Epoxy Flooring**.

Features:

1. Excellent alkali resistance
2. Excellent coverage
3. Excellent mechanical and abrasion resistance.
4. High Solid, High Build up

Dilution and Application:

Type of thinner	: Unicoate E850
Percentage of thinning	: 0 – 2 % by volume
Mixing ratio	: 3 Part A : 1 Part B
Nozzle orifice	: Minimum 25
Pot Life (after mixing at 25C)	: 30-40 Minutes
Output pressure	: 150 - 200 bar
Tools	: Air less spray

Unicoate High Solid Epoxy Flooring can be also used by roller, trowel, or rubber wiper.

Drying time (at 25C):

Touch dry	: 8 - 10 hours
Hard dry to overcoat	: 24 - 36 hours
Full Care	: 7 days

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Physicals Properties:

Finish	: Semi-Gloss
Flash Point	: 25 C
Specific Gravity	: 1.50 – 1.60 Kg/L Part A : 0.95-0.98 Kg/L Part B
Solid by Weight	: 95 - 98% Part A : 90-95% Part B
Coverage rate	: 4 – 6 M2 /L
Dry film thickness	: 200 - 500 microns
Shelf Life (dry and cool store)	: One year

Packing:

12 L drum Part A + 4 L Part B,

3 L Gallon Part A + 1.0 L Part B

Colors:

White, Grey, and other Colors.

Subsequent Coats:

None

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.