



## Smart Solvent Free BE2 Self Leveling Topcoat Epoxy (100% Solid, Solvent Free)

SPBE2SLTE

16kg Part A / 4kg Part B & 4kg Part A / 1kg Part B



### Description

SMART EPOXY BE2 is a solvent-free, 100% solids self-levelling epoxy flooring system engineered to deliver a seamless, high-build industrial surface. It provides high mechanical strength, excellent abrasion resistance and enhanced chemical resistance for demanding environments. The dense, joint-free finish improves durability and long-term service life in heavy-duty applications.

### Product features

- 100% solids, solvent-free
- Seamless self-levelling finish
- High compressive strength
- Excellent abrasion resistance
- Heavy duty industrial performance

### Usage

Primarily used as a topcoat in flooring systems, and can also be applied for the repair and leveling of surface defects.

### Composition

|              |   |                                   |
|--------------|---|-----------------------------------|
| Pigment      | : | Mineral filler                    |
| Binder       | : | Solvent free epoxy resin solution |
| Volume Solid | : | 100%                              |

### Properties

|                      |   |                                                                                                                                                                                 |
|----------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Finishing            | : | High Sheen                                                                                                                                                                      |
| Colour               | : | Variety of colours (refer colourcard)                                                                                                                                           |
| Density              | : | 1.60-1.64 (Depends on colour)                                                                                                                                                   |
| Mixing ratio         | : | 4:1 (by weight)                                                                                                                                                                 |
| Theoretical Coverage | : | Approx. 0.8-1.2 kg/m <sup>2</sup> for 1 coat.<br>Recommended No. of Coats: 1                                                                                                    |
| Pot Life             | : | 2 hours after mixing                                                                                                                                                            |
| Drying Time          | : | Touch Dry: About 7 hours (Dependent on temperature and humidity and thickness applied)<br>Hard Dry: About 9 hours (Dependent on temperature and humidity and thickness applied) |
| Recoating Interval   | : | 24 hours minimum based on normal condition                                                                                                                                      |

### Application Method

|                       |   |                                                                                                                                                               |
|-----------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Substrate Preparation | : | Repair surface defects such as holes, voids, delamination, and cracks. Remove oil, dust, and other contaminants. Ensure the substrate is clean, dry and sound |
| Mixing                | : | Pour Part B into the container of Part A. Mix thoroughly using a mechanical mixer for approximately 3 to 5 minutes until a uniform mixture is achieved.       |
| Application           | : | Apply evenly using a trowel to ensure full coverage of the substrate.                                                                                         |

## Painting Guide

| Surface                                                | Primer                                    | Intermediate (1 - 2 coats)                             | Finish (1 coat) |
|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------------|-----------------|
| For Recoat Floor Surface with previous coating cleaned | Smart Solvent Free Epoxy Primer Clear 228 | Smart Solvent Free Epoxy Intermediate Primer Clear 248 | Smart Epoxy BE2 |
| New Cement Floor Surface                               | Smart Solvent Free Epoxy Primer Clear 228 | Smart Solvent Free Epoxy Intermediate Primer Clear 248 | Smart Epoxy BE2 |

## Company Identification

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