

Toughfloor

Floor toppings

Toughfloor is a **waterborne, permeable, two-component, PUD based top coat**, cured with an aliphatic water dispersible polyisocyanate, recommended for concrete & masonry substrates.

It has excellent adhesion to concrete and other cementitious substrates.

Properties:

- Breathable.
- Water thinnable.
- Food grade and no odour.
- No bubbling and no blisters.
- Semi glossy finish.
- Non-yellowing
- Can be applied on damp surfaces.
- Excellent abrasion resistance..

Application areas:

- Pharma & food processing units
- Clean room floors.
- Tea processing factories.
- Areas where water table is high and where the floors are suspected of residual moisture.
- As a clear hard wearing coat for Terrazzo and Decorative quartz floorings.

Direction to use:

Ensure that the floor to be coated is smooth, zero leveled and free from surface impurities. Mix 10 parts of Toughfloor resin with 1 part of hardner by volume. High speed mixing is necessary so that a homogeneous solution is obtained. Water can be added to dilute the coating. Allow to cure for 2-3 hours. Reapply again and allow to cure for a minimum 24 hours before the floor is trafficked.

Typical physical properties:

Type	PUD cured with hydrophillic isocyanate
Mixing ratio(R:H)	10 : 1 by volume
Appearance	Any colour shade
Finish	Semi glossy
Volume solids	40%
Flash point	Above 100° C
Pot life	60 - 90 minutes at 30° C
Surface dry	90 - 120 minutes
Tack free dry	2-3 hours
Hard dry	24 hours
Theoretical Coverage	10 sq.m /lt /coat @ 40 microns
Application method	Brush / Roller
Clean up	Water
Shelf life	12 months in the unopened container.