



Topcoat Diamond

100% Solids Polyaspartic Resin System

Topcoat Diamond provides a highly scratch resistant, fast cure finish surface for all resin based floor systems. Polyaspartics are based on the reaction of Polyaspartic ester and an aliphatic poly isocyanate and provide a high gloss, UV stable, stain resistant finish

APPLICATIONS

Concrete and plastered surfaces in factories, warehouses, chemical plants, workshops, clean rooms, food processing areas, service areas, etc.

SURFACE PREPARATION

The surface should be free of grease, fat, laitance, loose materials, dust and release agents. These contaminants can be removed by washing with an industrial detergent followed by dust free shot blasting or diamond grinding.

MIXING INSTRUCTIONS

Mix the resin and hardener thoroughly together. Paddle mixer is preferred.

COVERAGE

One coat is sufficient for light traffic areas. Where the concrete is rough or in medium traffic areas a second coat is recommended. One 5 kg. unit will cover approx 50 m2 depending on surface conditions.

HEALTH & SAFETY

Skin and eye contact should be avoided by use of suitable protective clothing such as gloves, goggles, apron etc. Use in well ventilated area. In the event of eye contact flush with water for 15 minutes and seek medical attention.

USAGE

Product can be used as a stand alone system or as a finish coat on other resin systems.

TECHNICAL DATA

Colour	Standard Clear
Volume Solids	100%
Tensile Strength	16 MPa
Hardness Shore D	70
Abrasion Resistance @CS-17 wheels C501 tuber abrasion 1000 rev with 1000 mg wheel	< 10 mg loss
Pot Life @ 25 ⁰ C	20 min
Pot Life reduces relative to high humidity	
Packaging	5 Kg.
Mixing Ratio Weight- Resin; Hardener	3:2
Shelf life (sealed original container)	12 months.
Storage Conditions	5 - 40 ⁰ C
Application temperature	-10 ⁰ C - +25 ⁰ C
Service Time - Foot Traffic	2 Hours
- Full Cure	2 Hours
Recoat time	2 Hours