



ShieldProof

113

Trafficable Mid Coat

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Product Description

ShieldProof 113 is a two-component, 100% solids pure polyurethane seamless waterproofing and wear membrane. As part of Traffic-Shield our ShieldProof 113 is the high wear resistant mid-coat with exceptional elongation made for vehicular and pedestrian areas.

ShieldProof 113 can be applied from 500 microns to 1500 microns depending on traffic flow requirements. To achieve maximum high skid resistance, broadcasting skid resistant medium within the coating to varying sizes will give the required traction for ramps, high turn areas and high flow areas.

ShieldProof 115 completes the full system giving a high wearing aliphatic topcoat for most parking and traffic color requirements.

Properties

Color	Any Color
Mixing Ratio	1 : 1 by Weight
Finish	Smooth Gloss
Solid Content	100%
Pot Life @ 25°C	30 – 60 minutes
Theoretical Rate	1.3kg/m ² at 1.0 mm
Tear Strength	10 kg/cm
Tensile Strength	1-2 MPA
Elongation	160%
Hardness (Shore A)	65-85
Abrasion Resistance	<3 grams
Specific Gravity	1.2±0.1

Advantages

- Suitable for carpark decks, balconies with light to medium foot traffic, plaza decks, roof decks and amenities deck.
- Durable traffic system ranging from pedestrian to light and medium vehicular load.
- Excellent weather and aging resistance.

Curing Period

Surface Dry	50 - 60 minutes
Tack Free Dry	1 - 2 hours
Hard Dry	4 – 8 hours

Application Procedure

Environment:

Apply when air, surface, and material temperatures are between 65°F and 90°F. The surface temperature must be at least 5° above the dew point to prevent moisture condensation.

Substrate Preparation:

Ensure that the surface is clean, dry, and free from dust and other contaminants. ShieldProof 113 is applied over ShieldProof 110 base coat.

Mixing:

Shake well the containers of resin and hardener before mixing. Mix resin and hardener in the ratio of 1h1 by weight. Stir well for 5 minutes.

Application:

Apply first coat and allow to cure for 2-3 hours. Apply second coat and allow to dry.

Storage Instruction

ShieldProof 113 is available in 36 kg/set (18kg / 18kg) and has a maximum shelf life of 12 months in the un-opened containers and stored in cool dry conditions. It should be kept in a cool, well-ventilated area, away from heat, direct sunlight, sparks, and children. Handle with care. Mix resin and hardener as per the ratio. Use the mix solution within the pot lifetime. Refer to SDS for more information regarding safe handling and storage.

DISCLAIMER

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials and equipment used, as well as varying working conditions and environments beyond our control we strictly recommend carrying out intensive trials to test the suitability of our products regarding the required processes and applications. This data sheet is provided free of charge, and we do not accept any liability regarding the above information or regarding any verbal recommendation, except for cases where we are liable of gross negligence or false intention.