Valley PU-SF

Product Description:

- Valley PU-SF is a two component isocyanate cured polyurethane coating.

- It is a high performance, solvent free product.

- It is a self levelling product leaving a seamless surface.

- It is flexible, abrasion, impact, chemical and slip resistant.

- It is specially designed to be used as a waterproof membrane.

- If enhanced slip resistance is required Valley PU-SF Non Slip can be used in the system.

- To be used as mid coat as part of a complete system in atmospheric environments.

- Suitable on approved primers on concrete substrates.

Typical use:

- Suitable for a wide range of floors with various levels of mechanical and chemical exposure.

- Specially designed as a part of the traffic deck system for heavy duty traffic, for areas such as ramps, car parks, parking bays, pedestrian walkways, roof decks and industrial floors.

- Recommended for cold stores, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities and dairies. Recommended for warehouses, factories and hangars.

Product Data:

Solids by volume: 98± 2 %

Gloss level: 70-85

Flash point: 100 °C

Density: 1.5 kg/l

The provided data is typical for factory produced products, subject to slight variation depending on color.

Film Thickness Per Coat:

- Dry film thickness: 500-3000 µm

- Wet film thickness: 510-3061 µm

- Theoretical spreading rate 2-0.33 m^2/l

Application methods:

The product can be applied by Trowel: Nylon or steel trowel.

Conditions during application:

- The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate.

- Good ventilation is usually required in confined areas to ensure proper drying.

- The moisture content in the substrate should not exceed 4 % (by weight).

- The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

- This product should not be applied on to the surfaces which are known to, or likely to suffer from, rising dampness, potential osmosis problems or have a relative humidity greater than 80%.

- All cementitious substrates should be at least 28 days old and have a moisture content not exceeding 5%.

Mixing Ratio:

- Comp A 4.4 part(s)

- Comp B 1 part(s)

Drying and Curing Time:

- Substrate Temperature: 23 °C - 40 °C

- Touch Dry: 3 h - 6 h

- Walk-on-dry: 8 h - 16 h

- Dry to over coat: 8 h - 16 h

- Dried/cured for service: 7 d

- Pot Life: 15 min

Health and safety:

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

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