



Technical Data Sheet

Description

Tek-Prime PU is a high performance, low viscosity primer designed for use as a multipurpose floor sealing and priming system for porous asphalt and concrete floors prior to application of Spraytek flexible flooring systems.

Tek-Prime PU is based on a specially selected polyurethane resin combined with organic solvents to produce a primer/ sealer with optimum level of penetration, adhesion and over coat ability.

Advantages

- Easy to apply
- Ideal priming for porous asphalt and uneven or worn floor
- Long term protection to industrial floors
- Can be used as sealer

Uses

Tek-Prime PU is an ideal priming system for porous asphalt and uneven or worn floor areas prior to the application of **Tek Floor PU** floor finishes to provide long term protection to industrial floors and other surfaces operating in the most aggressive environment.

Application Properties

Mixing ratio	Supplied ready to use
Appearance	Clear amber liquid
Touch dry	2 hours
Minimum over coating	2 hours
Maximum over coating	24 hours
Volume solids	65%
VOC	324 gm/liter
Wet Film thickness	115 microns
Dry film thickness	75 micron s

Packing

Tek- Prime PU is supplied in 15 liter packs

Coverage

8.6 m²/ litre at 75 microns thickness

Shelf Life

12 months when stored in factory packed unopened kit in a cool dry and elevated place away from direct sunlight excess humidity and at a temperature not more than 35°C.

Application Guidelines

Spraytek provides detailed method statements on all its products for use in various areas of applications. These must be referred to prior to carry-out the works. The information below is intended for guidance only.

Surface Preparation

The new concrete should be at least 28 days old and moisture content should be less than 7 %. The surface should be sound, clean, dry and free from any dirt, loose debris, oils, grease, curing compounds sealers etc. All dust and loose material should be removed by vacuum cleaning or sweeping from surface.

Mixing

Tek-Prime PU is a single component material and should only require stirring prior to use to incorporate any slight separation.

Tek-Prime PU does not require thinning when used as a primer. When used as a concrete dustproofing sealer, the first coat should be thinned 25%.

Application

Application should not be carried out when air and surface temperature are below 5 degree or the humidity exceeds 85%.

Tek-Prime PU should be applied to give a smooth uniform coating by brush or roller to give a uniform even coating taking care to avoid excessive build up and ponding. On rough pitted surface the product should be worked into the surface to ensure complete wetting of the substrate.

For very porous surface, a second coat of **Tek Prime PU** will be required. A second coat will be needed when used as a dust proof sealer.

All equipment must be cleaned immediately after using with **Tek Clean** thinner.

Technical Support

Spraytek offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

Health & Safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

Reference #	TDS / STC /TPPU
Issue Date:	01/2012
Revision #	0

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