

TekPrime Primer for PU Roofing

(also for use on most porous and concrete surfaces)

INTRODUCTION

TekPrime is a water based polyurethane acrylic hybrid dispersions free from n-methyl-2-pyrrolidone (NMP) with excellent film forming properties.

This particular type of dispersion forms a film by evaporation of the water, to yield a resilient film which is non-yellowing under U V light

Uses

TekPrime is used as a primer coat ahead of using TekPur PU Resin on prescribed substrates as detailed in the TekPur tech data. TekPrime can also be used as a resilient coating on concrete and other porous substrates, such as Stone Carpet and Aggregate Paving. TekPrime can be further used for sealing Polyurethane and Epoxy Mortars.

TYPICAL PROPERTIES

Appearance	Translucent liquid
Odour	Slightly ammoniacal
Solids	40%
Viscosity (25°C)	0.9 poise Thixotropic
pH	8-9
Specific Gravity	1.02
Flash Point	> 100°C
Flammability	Water based

TYPICAL CURING PROPERTIES

Based on 0.1mm wet film on glass @ 20°C 60% Relative Humidity

Touch dry	1 hour
Tack-free	2 hours
Hard dry	4 hours

CURING

Under typical UK ambient conditions of 20°C and 60% Relative Humidity.

A coating will dry in approximately 2-4hrs.

A second coat if required should be applied after 4 hours but no later than 24 hours.

SURFACE PREPARATION

Remove all loose contamination from substrate such as rust, organic growth, dust and dirt.

APPLICATION

Surfaces should be clean, dry. TekPrime can be spray or brush applied to give a typical paint dry film thickness of 0.1mm (application rate 5 sq. meters per litre). If the surface is heavily textured then you may decide to spray apply followed by a bristle brush roller.

One coating should be sufficient to create a suitably primed surface for TekPur PU.

Before starting work, a small test area of coating should be applied to check adhesion after curing.

STORAGE & SHELF LIFE

Storage guidelines The product should be stored indoors in original, unopened, undamaged containers in a dry place at storage temperature between 5- 40 °C. Exposure to direct sunlight should be avoided.

Shelf life Under above mentioned storage conditions, the shelf life of the primer will be 18 months ex works.

MATERIAL SAFETY

See separate MSDS document

Note: Recommendations are given in this data sheet, in good faith, to assist users with the application of products for various purposes. However, users must undertake their own trials to establish suitability as no liability can be accepted by Kovertek Limited should materials or methods prove to be unsuitable for such purposes.