

Product Description

TekGrip DSE (decorative surface enhancer) is a two-component polyurethane system formulated for the restoration and repair of resin bound and bonded aggregate surfacing applications.

TekGrip DSE is supplied as two pre-weighed components that when mixed together produce a high performance, completely clear, non-yellowing surface coating.

When applied to a resin surface it strengthens the aggregate bond, prevents aggregate loss and restores the gloss appearance without effecting porosity.

Typical Applications

TekGrip DSE is formulated for use in the restoration and repair of decorative resin applications where the product is mixed and then brush or roller applied to the existing substrate.

A strong, clear polymer results, which strengthens the surface and helps remove imperfections whilst allowing the colour of the stone to show through, imparting a wet look, glossy finish.

It is vitally important that the substrate is clean, dry and free from dust. A damp surface may result in areas of blooming whilst a dusty surface will result in a dirty, non-uniform appearance and reduce the overall strength of the polymer.

Installation

Prior to application all surfaces must be clean, dry and swept to remove any loose particles or dirt. Adequate preparation prior to application is essential and the following four point checklist should be completed before works commence:

- The application surface is clean, dry and suitable for this type of application.
- A mixing station has been prepared to prevent product spills or splashes beyond the application surface.
- The product has been stored correctly and is within its use-by-date.
- The applicators have read the TekGrip DSE Technical data, safety data and method statement documents.

TekGrip DSE should be mixed using a low speed 'drill & paddle' type mixer. The 'Part 'B' component should be added to the 'Part A' component and mixed for between 60 and 120 seconds.

It is essential that the product is not poured directly onto the application surface and is only applied using a low-pile roller or good quality paint brush. If too much product is applied this can result in foaming or blooming of the resin.

The mixed material cures in 2-8 hours depending on ambient conditions. Equipment can be cleaned using TekGrip CS1 Cleaner.

Packaging & mix ratio

TekGrip DSE is available as a 5kg pre-measured, two component kit.

- Component 'A' is supplied in a white metal pail
- Component 'B' is supplied in a plastic bottle.

Handling & storage

Good standards of industrial hygiene should be observed during use. Protective gloves and goggles should be worn.

The recommendations made in the material safety data sheet for this product should be observed at all times.

TekGrip DSE 'A' contains isocyanates and the advice contained in the safety data sheet for this component is of particular importance.

Technical information

	A	B
Viscosity @ 25°C (cps)	1000	10
Specific Gravity	1.05	0.95
Colour	Clear/Yellow	Clear
Solids (%)	65 (PMA)	N/A

Disposal

The condition of this product will determine the required method of disposal.

Used containers with uncured/liquid product should be disposed of as hazardous waste.

Containers with fully cured product remaining around the edges or bottom of the container should have the hazard label removed or obscured before disposal as general building waste.

Coverage

The recommended minimum coverage rates for TekGrip DSE are:

- **Resin Bound** ½kg = 1m²
 1 Kit of TekGrip DSE = 10m²
- **Resin Bonded** ½kg = 2m²
 1 Kit of TekGrip DSE = 20m²

Coverage rates are dependent on the particle size, shape and porosity of the aggregate blend used in the original resin surface.

Order detail

The order reference for TekGrip DSE is CPR-5.0-00-0.
A Full pallet consists of 80 x 5kg units.

Related documentation

- ▶ TekGrip DSE 'A' Safety Data Sheet (GHS)
- ▶ TekGrip DSE 'B' Safety Data Sheet (GHS)
- ▶ TekGrip DSE Method Statement

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