



## REECOTE EC017 STR

Solvent Free Heavy Duty Epoxy Sealer



### USES

Reecote EC017 STR is suitable for use where a high build, hard wearing, hygienic floor sealer is required. Ideal situations include kitchens, food areas and dairies. The hard wearing characteristics of Reecote EC017 STR also enables use in light/heavy industrial areas such as garages services bays and factory gangways.

### DESCRIPTION

Reecote EC017 STR is based on a blend of epoxy resins and curing agent binder and surface tension reducing agents, which when mixed together provide a low odour, solvent free, high build epoxy flooring sealer.



### ADVANTAGES

Low Odour - Hygienic - Easy Clean Finish - Good Chemical Resistance - Fast Curing

### COLOURS

Clear Only.

### CHEMICAL RESISTANCE

Reecote EC017 STR is resistant to a wide range of chemicals but we recommend that compatibility should be cleared before use.

### TECHNICAL DATA

|   |               |                                |                        |
|---|---------------|--------------------------------|------------------------|
| Usable Life @ 20 °C                         | 20-30 Minutes | Tensile Strength               | 40 N/mm <sup>2</sup>   |
| Tack Free                                   | 5-6 Hours     | Flexural Strength              | 50 N/mm <sup>2</sup>   |
| Light Traffic                               | 8-12 Hours    | Adhesion to Dry                |                        |
| Heavy Traffic                               | 28-30 Hours   | Shot-blasted Concrete          | Concrete Failure       |
| Full Cure and Chemical Resistance at 20 °C  | 7 Days        | Adhesion to Dry                |                        |
| Solid Contents %                            | 100           | Shot-blasted Steel             | 12 N/mm <sup>2</sup>   |
| Minimum Film Thickness recommended per coat | 50            | Shelf Life in Sealed Container | 12 Months              |
| Two coats recommended                       |               | Storage Temperature            | Min 10 °C<br>Max 35 °C |

Store away from Food, Drinks, Animals and Children

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### APPLICATION GUIDELINES

#### SURFACE PREPARATION

New concrete should have an RH% of 75% or less. The substrate should be clean, free from laitance, oil, grease or other agents which may impair adhesion.

Cleaning techniques may include, acid etching, grinding, light mechanical scabbling, blasting or degreasing, depending on floor contamination. Existing concrete floors should be sound and free from loose material. Damaged areas should be repaired with a Reepare Mortar prior to the application of Reecote EC017 STR.

#### MIXING INSTRUCTIONS

IT IS IMPERATIVE THAT THE MIXING IS CARRIED OUT IN THE RESIN CONTAINER. Reecote EC017 STR is a two-pack system and it is very important to ensure the curing agent, component B, should be added to the entire contents of the resin pack, component A, and stirred thoroughly. Using an electric mixer at low speed 300-400 revs/min.

We recommend to pour the mix into a clean container, pay special attention to scrape sides and base of container, and briefly mix again. This will eliminate soft spots.

Packs should not be split unless accurate weighing facilities are available. Reecote EC017 STR is supplied in pre-weighed units of the correct proportions and no other substances should be added i.e. solvent etc.

#### APPLICATION

Reecote EC017 STR is applied to the prepared substrate by roller or brush, ensure complete coverage of the floor area. Apply the second coat within 24 hours of the first. On very porous concrete a third coat may be required.

#### STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finished product. Please refer to our Information Data Sheet reference TD300.

#### CLEANING

All brushes, rollers, tools etc should be cleaned with Reepol Thinners RC4 immediately after use. For hands - soap and water.

#### PACKAGING

|             |       |
|-------------|-------|
| Pack Size   | 5Kg   |
| Component A | 3.4Kg |
| Component B | 1.6Kg |

Coverage 250g/m<sup>2</sup> Single Application

Coverage is given as a guide only as the exact coverage will vary from floor to floor.

#### HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing are used when using Reecote EC017 STR. If eyes are affected wash with copious amounts of water and seek medical advice. For hands - wash with soap and water. For full details refer to C.H.I.P data sheet.