



## REETOP ES006

Trowel Applied Epoxy Screed



### USES

Reetop ES006 is suitable for use in areas where a high strength floor topping with excellent resistance to chemical and mechanical attack is required. Ideal situations include heavy industrial areas, breweries, chemical plants, dairies etc.

### DESCRIPTION

Reetop ES006 is based on a blend of selected hardwearing aggregates, solvent free epoxy resins, and curing agents. All resins, curing agents and aggregates are supplied pre-weighed and ready for mixing on site.

The system is primed by Reeprime EP800 - see technical data sheet. Reetop ES006 is applied by trowel to a thickness of 3-5mm, then followed by 1-2 sealer coats of Reeglaze EC018 L.V. or Reeprime EWD300 - see relevant technical data sheet. Once cured the system provides an impervious topping with high chemical and abrasive resistance.

### TECHNICAL DATA

Compressive Strength	75N/mm <sup>2</sup>
Tensile Strength	9N/mm <sup>2</sup>
Flexural Strength	25N/mm <sup>2</sup>
Bond Strength	Concrete Failure
Elongation at Break	0.08%
Shelf life in sealed Container	12 months
Storage Temperature	Min. 10°C Max. 35°C

### ADVANTAGES

Excellent Abrasive Resistance - Chemically Resistant - Fast Curing - Hygienic - Good Impact Resistance

### COLOURS

Refer to colour chart.

NOTE: Standard Colours are given as a guide as the closest reference to the actual colour. We recommend that you satisfy yourself that the colour you wish to order is correct by obtaining samples.

The above colours in this system will only show the colour as background.

Other colours are available on request, depending on requirement.

#### Additional Application

Information	+10°C	+20°C	+30°C
Pot Life	40 Mins	30 Mins	15 Mins
<b>Waiting time between coats:</b>			
Min	28 Hrs	24 Hrs	12 Hrs
Max	70 Hrs	24 Hrs	24 Hrs
<b>Final Drying times:</b>			
Foot Traffic	2 Days	1 Day	12 Hrs
Lightly Serviceable	3 Days	2 Days	1 Day
Fully Serviceable	7 Days	7 Days	5 Days

NOTE: All the above values are approximate  
Store away from Food, Drinks, Animals and Children.

# REETOP ES006

## Trowel Applied Epoxy Screed

### CHEMICAL RESISTANCE

Reetop ES006 is resistant to a wide range of chemicals but we recommend that compatibility should be cleared before use.

### APPLICATION GUIDELINES

#### SURFACE PREPARATION

New concrete should have an RH% of 75% or less. Reetop ES006 should be applied to a sound, clean substrate and preparation should include acid etching, de-greasing or mechanical cleaning, depending on the condition of the substrate. Any damage to the substrate should be repaired prior to the application of Reetop ES006.

#### PRIMING

All surfaces should be primed with Reepriime EP800 prior to the application of Reetop ES006. See technical data sheet for Reepriime EP800.

#### MIXING INSTRUCTIONS

IT IS IMPERATIVE THAT THE FIRST STAGE OF MIXING IS CARRIED OUT IN THE RESIN CONTAINER.

All the contents of the aggregate bag should be emptied into a cretangle type mixer. The entire contents of the curing agent, Component B, should be added to the entire contents of the resin base, Component A, and mixed together until a uniform colour is achieved.

Add the mixed resin and curing agent to the aggregate and mix for 2-3 minutes or until all the components are thoroughly blended. Packs should not be split unless accurate weighing facilities are available. Reetop ES006 is supplied in pre-weighed units of the correct proportions and no other substances should be added i.e. solvent etc.

### APPLICATION

Spread the mixed Reetop ES006 onto the pre-primed, tacky, substrate and spread to the required level by steel trowel.

Tamp the material to ensure compaction, screeding laths help to maintain the minimum thickness required. Finishing to a closed surface should be by steel trowel.

### 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.

### EXPANSION JOINTS

All expansion joints should be followed through the Reetop ES006 and filled with a suitable jointing material.

### CLEANING

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

### PACKAGING

	Coloured	Natural
Pack Size	25Kg	25Kg
Component A	2.15Kg	2.110Kg
Component B	0.85Kg	0.890Kg
Component C	22Kg	22Kg

Coverage 2.5m<sup>2</sup> @ 5mm approx.

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 Reetop ES006. 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.