



REETOP ES008 M1

Trowel Applied Epoxy Screed



USES

Reetop ES008M1 is suitable for use in areas where a high strength floor topping is required to resist osmotic pressures.

DESCRIPTION

Reetop ES008M1 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 EP550 moisture, tolerant epoxy primer (see separate data sheet). Reetop ES008M1 is applied by trowel to a thickness of 5-10mm. Once cured the system provides a topping with high strength.

Reetop ES008M1 has been designed to prevent osmotic blistering of resin based coatings over damp surfaces.

TECHNICAL DATA

Compressive Strength Cured @ 16-20 °C - 7 Days	80MPa
Flexural Strength cured @ 16-20 °C - 7 Days	31MPa
E-Modules cured @ 16-20 °C - 7 Days	8.00MPa
Bond strength using Reeprime EP800 cured @ 16-20°C - 7 Days	100%
Concrete failure	5°C
Minimum application temperature	92°C
Maximum service temperature	12 Months
Shelf life in sealed containers	2°C - 40°C

Full cure and chemical resistance @ 20 ° C - 7 Days			
Full cure and chemical resistance @ 8 ° C - 14 days			
Additional Application Information	+10 °C	+20 °C	+30 °C
Pot Life	40 Mins	30 Mins	15 Mins
Waiting time between coats:			
Min	28 Hrs	24 Hrs	12 Hrs
Max	70 Hrs	24 Hrs	24 Hrs
Final Drying times:			
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

ADVANTAGES

Prevents osmotic blistering of resin coatings.
Good chemical resistance.
Excellent bond to damp substrates.
Solvent free.

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

Other colours are available on request, depending on requirement.

CHEMICAL RESISTANCE

Reetop ES008M1 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 ES008M1 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 ES008M1.

PRIMING

All surfaces should be primed with Reepriime EP550 prior to the application of Reetop ES008M1. See technical data sheet for Reepriime EP550.

MIXING INSTRUCTION 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. Reetop ES008M1 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 ES008M1 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 wood float followed by steel trowel. In areas where an impervious finish is required, Reecote, Reeflor or Reeseal systems should be applied once the Reetop ES008M1 has cured (12-14 hours). See separate data sheets.

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 ES008M1 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

	ES008 M1
Pack Size	27.5Kg
Component A	1.8Kg
Component B	0.7Kg
Component C	25Kg
Coverage	12.88Kg/m ² @ 6mm

Coverage is given as a guide only as the exact coverage will vary from floor to floor. No allowances are given for substrate imperfections.

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing are used when using Reetop ES008M1. 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.