



REETOP ES008S & ES008 CF

Trowel Applied Epoxy Screed



USES

Reetop ES008S/ES008 CF is suitable for use in areas where a high strength floor topping is required to resist osmotic pressures.

DESCRIPTION

Reetop ES008S and ES008 CF 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 Reepime EP800 or Reepime EP550 (see separate data sheet). Reetop ES008S/ES008 CF is applied by trowel to a thickness of 5-10mm. Once cured the system provides a topping with high chemical and abrasive resistance.

The difference between the two systems is the type of aggregated used. ES008 CF contains calcinated flint for cosmetic purposes only.

ADVANTAGES

Good Abrasive Resistance - Fast Curling - Good Impact Resistance - Hygienic - Good Anti-slip Resistance - Easy to Apply - Chemically Resistant - Low Amine Value Rendering the system less irritating to handle at high temperatures or in confined spaces - Occasional steam cleanable if applied at 9mm plus.

TECHNICAL DATA

Compressive Strength Cured @ 16-20°C - 7 Days	98MPa	Full cure and chemical resistance @ 20°C - 7 Days			
Flexural Strength cured @ 16-20°C - 7 Days	37MPa	Full cure and chemical resistance @ 8°C - 14 Days			
E-Modules cured @ 16-20°C - 7 Days	16.8Gpa	Additional Application Information	+10°C	+20°C	+30°C
Bond Strength using Reepime EP800 cured @ 16-20°C - 7 Days	100%	Pot Life	40 Mins	30 Mins	15 Mins
Minimum application temperature	5°C	Waiting time between coats:			
Maximum service temperature	60°C	Min	28 Hrs	24 Hrs	12 Hrs
Shelf life in sealed containers	12 Months	Max	70 Hrs	24 Hrs	24 Hrs
Storage Temperature	10°C - 40°C	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			

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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 ES008S/ES008 CF 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 ES008S/ES008 CF should be applied to a sound, clean substrate and preparation should include acid etching, degreasing or mechanical cleaning, depending on the condition of the substrate. Any damage to the substrate should be repaired prior to the application of Reetop ES008S/ES008 CF.

PRIMING

All surfaces should be primed with Reepriime EP800 prior the application of Reetop ES008S/ES008 CF. 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 cretriangle 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 ES008S/ES008 CF 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 ES008S/ES008 CF 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 ES008S/ES008 CF 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 ES008SM1 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 S	ES008 CF
Pack Size	28.57Kg	28.57Kg
Component A	2.520Kg	2.520Kg
Component B	1.050Kg	1.050Kg
Component C	25Kg	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 ES008S/ES008 CF. 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.