



REETOP CQ3000

Trowel Applied Decorative Epoxy Screed



USES

Reetop CQ3000 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, food preparation areas, show rooms, shower rooms etc.

DESCRIPTION

Reetop CQ3000 is based on a blend of selected hard wearing coloured Quartz aggregates, solvent free epoxy resins, and curing agents. All resins, curing agents and aggregates are supplied pre-weighed and ready for mixing on site.

ADVANTAGES

Excellent Abrasive Resistance - Good
Chemical Resistance - Excellent Decorative
Finish - Slip Resistant - Fast Curing - Gloss
Finish - Large Colour Range.

COLOURS

Made to individual Requirements.

TECHNICAL DATA

Compressive Strength	80N/mm ²	Additional Information	+10°C	+20°C	+30°C
Tensile Strength	10N/mm ²	Pot Life	40 Mins	30 Mins	15 Mins
Flexural Strength	30N/mm ²	Waiting time between coats:			
		Min	28 Hrs	24 Hrs	12 Hrs
		Max	70 Hrs	24 Hrs	24 Hrs
Bond Strength to Concrete: (concrete failure)		Final Drying Times:			
Elongation at Break	0.09%	Foot Traffic	2 Days	1 Day	12 Hrs
		Light	3 Days	2 Days	1 Day
		Fully Cured	7 Days	7 Days	5 Days

Store away from Food, Drinks, Animals
and Children

NOTE: All above values are approximate
Keep away from water, this product will freely react with water.

APPLICATION GUIDELINES

Reetop CQ3000 is applied at 0.4-10mm depending on surface demanded. New concrete should have an RH% of 75% or less.

SURFACE PREPARATION

Reetop CQ3000 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 CQ3000.

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PRIMING

All surfaces should be primed using Reeprime EP800 or Reeprime EP550 if it is likely that the substrate moisture levels exceed and RH of 75%. Lightly blinding the primer with silica quartz 0.4-0.8mm will assist in the laying of the Reetop CQ3000. Allow the primer to cure for 12-16 hours or until it will accept foot traffic.

This is for a wet on dry application.

It is also possible to apply Reetop CQ3000 wet on wet. Please refer to technical data sheets for Reeprime EP800 and EP550 for application instructions.

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 uniformity 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 wetted. Do not over mix.

Packs should not be split. Reetop CQ3000 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 CQ3000 onto the pre-primed cured and gritted substrate or onto tack primer if application is wet on wet 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.

SEALING

Reetop CQ3000 should be sealed using Reeseal TG700 as a first sealer. Application is by squeegee ensuring sufficient sealer is applied (for indication only 180-250gms per m² is the normal ratio used but will depend on how well the screed was closed). Always ensure the first seal is carried out in one go without the need to retouch the next day.

A second sealer is always recommended. This could be in the form of a gloss sealer Reeseal SG100 for gloss finishes or where solvents are not permitted. Reeseal TG600 may be used and roller applied for a gloss finish.

Further application instructions can be supplied on request.

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 CQ3000 and filled with Reejoint PU7000 HE. We would advise that this is carried out before the first sealer is applied.

CLEANING

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

PACKAGING

Pack Size	28.8kg
Component A	2.60kg
Component B	1.20kg
Component C	25kg

Coverage 12.0kg m² @ 6mm

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 CQ3000. 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.