



REETOP PU009 F.G

Heavy Duty Trowel Applied Polyurethane Screed Fine Texture



DESCRIPTION

Reetop PU009 F.G is a heavy-duty polyurethane based floor designed to provide excellent resistance to abrasion, chemical attack and other physical aggression.

COMPOSITION

Water dispersed polyurethane resin system with graded silica aggregates.

APPEARANCE

A level mottled aggregate finish providing a finer texture.

DURABILITY

Highest order of durability, resistances to abrasion impact and chemical attack, stable to steam cleaning when applied at 8-9mm.

THICKNESS

Typical 6mm or 9mm. 9mm application will be required in order to be stable to steam cleaning.

PACK SIZE

Pack Size	29.64kgs
Component A	2.53kgs
Component B	2.11kgs
Aggregate	25.00kgs

TYPICAL INSTALLATIONS

Chemical processing, Food processing, Brewing, Heavy duty traffic and plant vehicles, and Engineering process areas.

SUBSTRATES

Concrete, polymer reinforced screeds, grano concrete.

TECHNICAL DATA

Compressive Strength to BS6319 Part 2 (N/mm)	59.0	Abrasion resistance by Taber mg loss/1000 cycles/1 kg load with H10 wheel	900
Tensile Strength to BS2782:320D (N/mm)	6.5	TRRL slip resistance	60 wet 80 dry
Flexural Strength to A.S.T.M, D790-84a (N/mm)	41.0	Surface spread of flame to BS476 part 7	Class 2
Elastic modulus to BS2782:32D (N/mm)	1350.0		
Slant shear bond strength to BS6319 (N/mm)	51.0		

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SURFACE PREPARATION

To be assured of maximum adhesion and properties from Reepol resin products the correct surface preparation is essential. Please refer to Technical Data Sheet "Surface Preparation" reference TD112 in order to ensure the finished system remains fully bonded to the subfloor, it is recommended that the edges of the floor area adjoining the walls are rebated to produce a cross-section of 20mm deep by 8mm wide, running at 150mm from and parallel with the walls.

APPLICATION CONDITIONS

5-30°C Maximum moisture content of substrate 10%.

PRIMING

Priming of all surfaces should be undertaken with Reepol EP550. Please refer to technical data sheet. The primer should be allowed to cure for a minimum of 16 hours prior to application of the Reetop PU009 F.G system. (Maximum overcoating time at 20°C - 48 hours).

MIXING INSTRUCTIONS

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

Pre-mixing of the coloured liquid component A is recommended to ensure any light settlement is reincorporated. Add the brown liquid Component B to the colour liquid resin Component A and mix for a minimum of 1 minute to provide a homogenous mix. The resultant mixture should then be loaded into a rotary drum mixer and the aggregate component added in stages, mixing until a lump free mix is obtained. Apply to pre-primed areas and level between battens as necessary, with a steel float. Final finishing may be effected by "back rolling" with a short nap paint roller.

COVERAGE RATES

12 Kg/m² @ 6mm and 18kg/m² @ 9mm

Coverage is given as a guide only as the exact coverage will vary on different substrates. No allowances are given for substrate imperfections or wastage.

SPECIFICATION DETAIL

Reepol EP550 at approx.. 250g/m². Please refer to technical data sheet Reepol EP550. Reetop PU009 F.G @ 6mm to 9mm.

MAINTENANCE

Regular cleaning of the applied system is recommended in order to maintain slip resistant properties and cosmetics. Normal proprietary cleaning agents in combination with pressure washing/steam cleaning may be employed.

CURE SCHEDULE

Usable Life of full unit/mix at 20°C	15 mins
Initial film gel time (joining up) at 20°C/9mm build	20 mins
Cure time to light traffic at 20°C/9mm	4-6 hrs
Cure time to light wheeled traffic At 20°C/9mm	12-16 hrs
Cure time to heavy duty traffic at 20°C/9mm	3-5 days

CHEMICAL RESISTANCE

Excellent resistances to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic.

COLOURS AVAILABLE

Light Grey	Light Green
Mid Grey	Grass Green
Dark Grey	Black
Red	Beige
Safety Red	Buff

Because of the heavily filled system, colour will only show as a background shade. Slight colour change may occur on prolonged exposure, especially on some light shades.

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing are used when using Reetop PU009 F.G. 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.

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.

TECHNICAL ADVICE

For further information on this or any other Reepol product, please contact our Technical Department on 01952 588575.



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