

LIQUID GRANITE PLUS

Rapid repair mortar for the reinstatement of small areas



What is Liquid Granite Plus?

Liquid Granite Plus is a two-component rapid repair mortar, comprising of a fully pre-blended mix of special cements and aggregates and a polymer modified liquid admixture. It is ideal for the reinstatement of small areas such as trip hazards, kerbs and steps where prompt access is required.

Key Features and Benefits

High strength – 50 N/mm² compressive strength.

No waste.

Easily carried to site of repair – two parts contained in handled bucket.

Open to traffic after 2 hours.

Easy to use – add primer, mix thoroughly and apply.

Works between temperatures of 5°C and 30°C

Can be placed in depths of 10mm – 100mm in one application.

Instructions for Use

Preparation

All surfaces should be free from oil, grease, dust or any other visible contaminants. Smooth substrates must be mechanically roughened, followed by washing with clean water to remove all loose particles. It is essential that repair edges are saw cut to a minimum depth of 10mm, feather edging is not recommended.

Priming

Use the supplied primer (the white liquid included in the pack) to prime the surfaces prior to application, paying particular attention to the edges of the repair. Do not allow the primer to dry.

Mixing

Mix the blended cements and aggregates vigorously with the remaining primer liquid. A little water may be added to produce a stiff slump-free homogeneous compound.

Placing

Liquid Granite Plus should be applied firmly into position as soon as possible after mixing. Pay particular attention to edges and thin sections. Level up to the surface and finish using a steel float or trowel to close up the surface and seal the edges. Liquid Granite Plus is ideal for small areas of repair.

Storage

Powder: Store in closed original container at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened tubs, clear of the ground in cool, dry conditions and protected from excessive drafts.

Liquid: Store in tightly closed original container in a dry, cool and well-ventilated place. Extreme temperatures can damage this product in its liquid form. Store containers at temperatures between 5°C and 30°C. Liquid should not be exposed to excess heat, cold or frost during storage or when being transported between sites.

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Trademarks: **TECHTECH** is a registered trademark and subsidiary of **IM Group**.



LIQUID GRANITE

Indispensable, multi-purpose, emergency repair material



Shelf Life

Shelf life from date of manufacture in correct conditions for sealed packaging is 8 months. High temperatures and high humidity will lead to a reduced shelf life.

Health and Safety

Before use, it is important that the SDS is read in its entirety and any warnings noted before the product's use

Technical Data

Workability*	7 minutes
Setting time*	25 minutes
Density	2300kg/m ³
Coverage	Approx 0.5m ² @ 10mm depth
Yield	5 litres approx.
Colour	Grey

*Tests carried out at 20°C. Cool temperatures will slow and warm temperatures will accelerate product performance.

Compressive Strength (N/mm ²)		Tensile Strength (N/mm ²)		Flexural Strength (N/mm ²)		Bond Strength (N/mm ²)	
1 hour	8.00	1 day	4.19	1 day	6.33	1 day	2.15
2 hours	15.00	7 days	6.20	7 days	11.12	7 days	2.30
4 hours	20.00	28 days	8.08	28 days	11.16	28 days	2.34
1 day	28.00						
7 days	45.00						
28 days	50.00						

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