CI/Sfb | (43) | Pr4
April 2024

STOPGAP GREEN BAG

General Purpose Floor Smoothing Compound

Declared performance: CT-C25-F7 to EN 13813:2002 with Stopgap 114 Liquid
CT-C20-F5 to EN 13813:2002 with Stopgap 128 Liquid

INTRODUCTION

STOPGAP GREEN BAG is a general purpose, low odour, fast setting smoothing compound suitable for use in light to heavy-duty applications for preparing sound subfloors prior to the installation of new floorcoverings. It is suitable for use in clinical and biologically sensitive areas such as hospitals, laboratories, clean rooms etc.

STOPGAP GREEN BAG is suitable for use over absorbent and non-absorbent subfloors and can be used for patch filling timber floors prior to overlaying with plywood.

STOPGAP GREEN BAG is also suitable for application over absorbent uneven concrete and sand/cement screeds, prior to application of STOPGAP waterproof surface membranes or STOPGAP ISOLATOR.

STOPGAP GREEN BAG is dimensionally stable and is supplied as a pre-blended dry powder and liquid which is designed for application between 3 – 20mm.

Liquid Selection:

Use STOPGAP GREEN BAG with STOPGAP 114 Liquid over most absorbent and non-absorbent surfaces without the need to prime.

Use STOPGAP GREEN BAG with STOPGAP 128 Liquid over absorbent and non-absorbent surfaces when primed with STOPGAP P131 or P121. See PRIMING for details.

COVERAGE

A 25kg bag of STOPGAP GREEN BAG powder mixed with 5.0 litres of STOPGAP 114 or 128 Liquid will cover approximately 5.0m2 at a thickness of 3mm.

HOW MUCH MATERIAL

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100M² AREA	GRADED AGGREGATE
3mm	5.0m²	21 units	n/a
5mm	3.0m²	35 units	n/a
10mm	1.5m²	71 units	n/a
20mm filled mix	1.0m²	106 x powder and 53 x aggregate	

Coverage rates are for guidance purposes only and will vary according to the condition of the subfloor.

FEATURES

- Fast set formula
- Low odour
- Excellent self-smoothing properties
- Suitable for use under STOPGAP Waterproof Surface Membranes
- Use in clinical areas
- Application thickness from 3–20mm
- Can be spike rolled

STANDARDS

EN 13813:2002

The above standard refers to the properties and performance of the product and the specification to which it has been tested. The data shown confirms the minimum compressive and flexural strengths that the product will achieve.

SCAN QR CODE TO VIEW PRODUCT DEMO VIDEO

TECHNICAL INFORMATION

STOPGAP LIQUID	114	128
Declared performance	CT-C25-F7	CT-C20-F5
Working time @ 20°C	15 - 20 minutes	
Walk on hardness time @ 20°C	90 minutes	
At 3mm thickness ready to receive floorcoverings (Temperature dependent)	12 hours	24 hours
Compressive Strength N/mm2 (EN 13892-2) 1 Day 7 Days 28 Days	 >8.0 >15.0 >25.0	 >5.0 >10.0 >20.0
Flexural Strength N/mm2 (EN 13892-2) 1 Day 7 Days 28 Days	 >2.0 >5.0 >7.0	 >2.0 >4.0 >5.0
Consumption per mm thickness	2.12 kg / m^2	
Application thickness Unfilled Filled	3-15 mm up to 20mm	

SURFACE PREPARATION

Floor surfaces must be suitably prepared: sound, dry (<75%RH*) and free from contaminants that may prevent adhesion. Use STYCCOCLEAN C140 for removing grease, oil, polish, soap etc. from non-absorbent substrates.

* Except when used under STOPGAP waterproof surface membranes.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 5°C throughout the application and drying of the smoothing compound. Underfloor heating must be off for at least 48 hours before, during and after application. For detailed information, request the **F. Ball Subfloor Preparation Guide**.

PRIMING

Absorbent surfaces - Prime with dilute STOPGAP P131. In certain situations priming may not be necessary, for example when installing textile floorcoverings. Not priming may cause uncontrolled drying of the smoothing compound, pin holes and leave a rough surface texture, as well as reducing the products flow and ease of trowelling.

When STOPGAP GREEN BAG mixed with 114 Liquid is used under STOPGAP waterproof surface membranes; Concrete and sand/cement screeds must be free from contamination such as old adhesive residues. Absorbent concrete and sand/cement screeds must be primed with STOPGAP P131 diluted 1:7 with water. Non-absorbent surfaces and power floated concrete must be mechanically treated in accordance with the **F. Ball Subfloor Preparation Guide**.

Dry and suitably prepared calcium sulphate screeds e.g. anhydrite must be primed with STOPGAP P121 - refer to STOPGAP P121 data sheet for further information.

Note: STOPGAP Waterproof Surface Membranes are not suitable for use over calcium sulphate screeds.

Non-absorbent surfaces - Priming of non-absorbent subfloors such as minimal adhesive residues, terrazzo and quarry tiles is not essential when using STOPGAP 114 Liquid. Sound flooring grade asphalt and STOPGAP waterproof surface membranes must be primed with neat STOPGAP P141 to ensure that good adhesion is obtained between the smoothing compound and substrate.

When using STOPGAP 128 Liquid over non-absorbent subfloors always prime with neat STOPGAP P141. Primers must be allowed to dry before applying the smoothing compound.

MIXING

Standard Mix: Add 5.0 litres of STOPGAP 114 or 128 Liquid into a STOPGAP mixing bucket and gradually add all the powder whilst stirring with a power whisk fitted in an electric drill until a smooth creamy lump free consistency is achieved. The material should be mixed for a minimum of 2 minutes.

Filled Mix: Add 12.5kg of STOPGAP GRADED AGGREGATE to the prepared standard mix. It is advisable to reduce the level of liquid to prevent separation of the mix.

Do not add extra liquid or water.

TOOLS

- Steel smoothing trowel
- Spiked roller
- Mixing bucket
- Electric drill and power whisk

CLEANING

Wash tools with water immediately after use.

STORAGE

This product must be stored under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught. When stored correctly, as above, and used within 6 months of the date shown on the packaging, the activity of the reducing agent added will be maintained and this product will contain, when mixed, no more than 0.0002% (2ppm) soluble chromium (VI) of the total dry weight of the cement.

PACK SIZE

Powder - 25kg lined paper sacks.
Liquid - 5 litre bottles.

SHELF LIFE

Powder: 6 months in unopened bags and stored under good conditions.
Liquid: 12 months in unopened bottles.

HEALTH & SAFETY

This product is not classified. Relevant safety data sheets and advice given can be found at www.f-ball.com.

Alternatively these can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

Site conditions vary, to ensure this product is suitable and to confirm this data sheet is current please contact our Technical Service Department.

APPLICATION

Pour the mixed material onto the prepared subfloor and allow to flow and attain a smooth finish. Minimal work with a smoothing trowel is required. The use of a spiked roller will help eliminate entrapped air and smooth out flow lines to give a more uniform surface appearance. The mixed material can be applied at a thickness between 3mm to 20mm, but can be taken down to feathered edge if required. For best results, an overall thickness of at least 3mm should be maintained.

STOPGAP GREEN BAG is self-smoothing, but should any imperfections remain they can be removed by rubbing with a carborundum stone when the smoothing compound will accept foot traffic - typically 90 minutes after application at 20°C. This time will be extended with reduced temperature i.e. approximately 3 hours at 10°C.

DRYING

Drying is dependent on the absorbency of the subfloor, ambient temperature and humidity. The smoothing compound must be left uncovered for approximately 12 hours when used with STOPGAP 114 Liquid or 24 hours when used with STOPGAP 128 Liquid, before proceeding with the installation. For thicknesses greater than 3mm, additional drying time will be required. When used to pre-smooth prior to the application of a STOPGAP waterproof surface membrane the compound should be left for a minimum of 24 hours before proceeding.

FOR FURTHER INFORMATION ABOUT F. BALL PRODUCTS OR MORE DETAILED TECHNICAL ASSISTANCE, VISIT F-BALL.COM OR CALL +44 (0)1538 361633

F. Ball and Co. Ltd.
Churnetside Business Park,
Station Road, Cheddleton,
Leek, Staffordshire.
ST13 7RS UK
Tel: +44 (0) 1538 361633
www.f-ball.com