



# STOPGAP GREEN BAG

## General Purpose Floor Smoothing Underlayment

Screed classification: CT-C25-F7 to EN 13813:2002 with STOPGAP 114 Liquid  
CT-C20-F5 to EN 13813:2002 with STOPGAP 128 Liquid



Scan to view the product demonstration video



## PRODUCT DATA

### INTRODUCTION

**STOPGAP GREEN BAG** is a general purpose, low odour, fast setting smoothing underlayment 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 mixed with 114 Liquid has been tested in accordance with IMO FTPC Part 6 (IMO Res.A687(17)) and Annex 2 item 2.2 and approved for use in marine application. STOPGAP GREEN BAG can be applied to suitably prepared steel decks in light to medium-duty traffic areas. USCG approval No. 164.106/1121/WCL MED0403.

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 5.0m<sup>2</sup> at a thickness of 3mm.

### TECHNICAL INFORMATION

STOPGAP LIQUID	114	128
EN 13813 Class	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/mm <sup>2</sup> (EN 13892-2)	1 Day	> 8.0
	7 Days	> 15.0
	28 Days	> 25.0
Flexural Strength N/mm <sup>2</sup> (EN 13892-2)	1 Day	> 2.0
	7 Days	> 5.0
	28 Days	> 7.0
Consumption per mm thickness	2.12kg/m <sup>2</sup>	2.12kg/m <sup>2</sup>
Application thickness:	Unfilled	3 – 15mm
	Filled	up to 20mm



### 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

### 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.

### PACKAGES

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

### HOW MUCH MATERIAL?

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100m <sup>2</sup> AREA	GRADED AGGREGATE
3mm	5.0m <sup>2</sup>	21 units	n/a
5mm	3.0m <sup>2</sup>	35 units	n/a
10mm	1.5m <sup>2</sup>	71 units	n/a
20mm filled mix	1.0m <sup>2</sup>	106 x powder and 53 x aggregate	

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

## SURFACE PREPARATION

Floor surfaces must be suitably prepared: sound, dry (<75%RH\*) and free from contaminants that may prevent adhesion. Use STYCCOCLEAN CI40 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 underlayment. 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 underlayment, 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 I14 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.

For dry (<75% RH) and suitably prepared calcium sulphate screeds, e.g. anhydrite use neat STOPGAP P121.

**Note:** STOPGAP Waterproof Surface Membranes are not suitable for use over calcium sulphate screeds, e.g. anhydrite.

**Non-absorbent surfaces** - Priming of non-absorbent subfloors such as minimal adhesive residues, terrazzo and quarry tiles is not essential when using STOPGAP I14 Liquid. Sound flooring grade asphalt and STOPGAP waterproof surface membranes must be primed with neat STOPGAP P131 to ensure that good adhesion is obtained between the underlayment and substrate.

When using STOPGAP I28 Liquid over non-absorbent subfloors always prime with neat STOPGAP P131. Primers must be allowed to dry before applying the smoothing underlayment.

## MIXING

**Standard Mix:** Add 5.0 litres of STOPGAP I14 or I28 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.

## 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 underlayment 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 underlayment must be left uncovered for approximately 12 hours when used with STOPGAP I14 Liquid or 24 hours when used with STOPGAP I28 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 underlayment should be left for a minimum of 24 hours before proceeding.

## 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.

## SHELF LIFE

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

## HEALTH AND SAFETY ADVICE

STOPGAP GREEN BAG powder is classified. Obtain the relevant Safety Data Sheet and follow the advice given. These can be found at [www.f-ball.co.uk](http://www.f-ball.co.uk) 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 confirm this data sheet is current please contact Technical Service Department.



**For further information about F. Ball products or more detailed technical assistance, please contact:**



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