



# STOPGAP RED BAG

## Floor Smoothing Underlayment

Screed classification: CT-C25-F5 to BS EN 13813:2002

### PRODUCT DATA

#### INTRODUCTION

**STOPGAP RED BAG** is a self-smoothing underlayment suitable for use in light to medium-duty internal applications for preparing sound absorbent subfloors prior to the installation of new floorcoverings.

STOPGAP RED BAG is designed for application over concrete, sand/cement screeds and other solid absorbent surfaces.

STOPGAP RED BAG is dimensionally stable and is supplied as a pre-blended dry powder which is designed for application between 3-6mm (unfilled). It is protein-free which allows it to be used in biologically sensitive areas.

#### COVERAGE

A 25kg bag of STOPGAP RED BAG mixed with 5.0 litres of clean water will cover approximately 4.8m<sup>2</sup> at a thickness of 3mm.

#### TECHNICAL INFORMATION

BS EN 13813 Class		CT-C25-F5
Working Time @ 20°C		15 - 25 minutes
Walk on hardness time@ 20°C		3 hours
Ready to receive floorcoverings. (Temperature dependent)		24 hours
Compressive Strength N/mm <sup>2</sup> (BS EN 13892-2)	1 day	>6.0
	7 days	>15.0
	28 days	>30.0
Flexural Strength N/mm <sup>2</sup> (BS EN 13892-2)	1 day	>2.0
	7 days	>4.0
	28 days	>5.0
Consumption per mm thickness		1.75kg / m <sup>2</sup>
Application thickness	Unfilled	3 - 6mm
	Filled	10mm



#### FEATURES

- Light to medium-duty applications
- Self-smoothing properties
- Protein free
- Water mix
- Application thickness from 3-6mm
- Can be filled up to 10mm
- Low odour

#### BS 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

25kg lined paper sacks.

#### HOW MUCH MATERIAL?

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100m <sup>2</sup> AREA	GRADED AGGREGATE
3mm	4.8m <sup>2</sup>	21 units	n/a
6mm	2.4m <sup>2</sup>	42 units	n/a
10mm filled mix	1.9m <sup>2</sup>	53 x powder 27 x aggregate	

Note: Coverage rates are based on 5.0 litre water addition 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.

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

### IT IS ESSENTIAL TO PRIME ALL SURFACES

**Absorbent surfaces** - Prime with dilute STOPGAP P131 to prevent rapid drying of the underlayment.

The primer should be used in accordance with instructions printed on the bottle and must be allowed to dry before applying the smoothing underlayment.

## MIXING

**Standard Mix** - Add 5.0 litres of clean water 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 water to prevent separation of the mix.

Do not exceed 5.0 litres of water per 25kg bag.

## PUMP APPLICATION

STOPGAP RED BAG is suitable for pump application up to 6mm thickness. For specific advice please contact 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 should be applied at a thickness between 3mm to 6mm, but can be taken down to a feathered edge if required. For best results, an overall thickness of at least 3mm should be maintained.

STOPGAP RED 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 3 hours after application at 20°C. This time will be extended with reduced temperatures i.e. approximately 6 hours at 10°C.

## DRYING

Drying is dependent on the absorbency of the subfloor, ambient temperature and humidity.

On absorbent surfaces, at a nominal 3mm thickness, the underlayment will be ready to receive most floorcoverings within 24 hours.

## TOOLS

Suitable steel smoothing trowel, spiked roller, mixing bucket, electric drill and power whisk.

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

6 months in unopened bags and stored under good conditions.

## HEALTH & SAFETY ADVICE

This product is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations. Obtain the relevant Material 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 they 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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