



# STOPGAP BLUE BAG

## WATER-MIX SMOOTHING COMPOUND

Declared performance: CT-C16-F4 to BS EN 13813:2002

### INTRODUCTION

**STOPGAP BLUE BAG** is a water-mix smoothing compound suitable for use in domestic and light-duty, internal contract applications. It is suitable for preparing sound absorbent and non-absorbent subfloors prior to the installation of new textile floorcoverings such as carpet and carpet tiles or providing a smooth base prior to the installation of loose lay floorcoverings.

STOPGAP BLUE BAG is designed for application over concrete, sand/cement screeds, calcium sulphate (e.g. anhydrite), and other solid absorbent surfaces. It is also suitable for use over a wide range of non-absorbent subfloors including sound asphalt, granolithic, terrazzo, epoxy and polyurethane resins, ceramic and quarry tiles and STOPGAP waterproof surface membranes.

STOPGAP BLUE BAG is dimensionally stable and is supplied as a pre-blended dry powder which is designed for application between 2-6mm. It is protein-free which allows it to be used in biologically sensitive areas.

### COVERAGE

A 20kg bag of STOPGAP BLUE BAG mixed with 4.0 litres of clean water will cover approximately 5.75m<sup>2</sup> at a thickness of 2mm.

### 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.

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 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**.

### HOW MUCH MATERIAL

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100M <sup>2</sup> AREA
2mm	5.75m <sup>2</sup>	18 units
4mm	2.85m <sup>2</sup>	35 units
6mm	1.90m <sup>2</sup>	52 units

Coverage rates are based on 4.0 litre water addition and will vary according to the condition of the subfloor.

### FEATURES

- Can be used in domestic and light-duty contract internal applications
- Water-Mix
- Application from 2 - 6mm
- Walk on from 3 hours

### 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.

## TECHNICAL INFORMATION

Declared performance	CT-C16-F4
Working time @ 20°C	Approximately 15-20 minutes
Walk on time @ 20°C	Approximately 3 hours
Ready to receive floorcoverings	From 24 hours at 2-3mm thickness
Coverage per unit	Approximately 5.75m <sup>2</sup> at 2mm thickness
Compressive strength N/mm <sup>2</sup>	
1 Day	>5.0
7 Days	>10.0
28 Days	>16.0
Flexural strength N/mm <sup>2</sup>	
1 Day	>1.5
7 Days	>3.0
28 Days	>4.0
Application thickness:	Unfilled
	From 2 - 6mm

## PRIMING

### IT IS ESSENTIAL TO PRIME ALL SURFACES

Absorbent surfaces - Prime with dilute STOPGAP P131 to prevent rapid drying of the smoothing compound. The primer should be used in accordance with instructions printed on the bottle and must be allowed to dry before applying the smoothing compound.

For dry (<75%RH) and suitably prepared calcium sulphate screeds, prime with two coats of STOPGAP P121. The first coat should be diluted 1 part primer to 1 part water. Once dry, prime with a second coat of neat STOPGAP P121.

Non-absorbent surfaces – such as sound asphalt, minimal adhesive residues, terrazzo, quarry tiles and STOPGAP epoxy waterproof surface membranes should be primed with neat STOPGAP P141 to ensure that good adhesion is obtained between the compound and substrate.

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

## MIXING

Add 4.0 litres of clean water into a 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.

Do not exceed 4.0 litres of 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 should be applied at a thickness between 2mm 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 BLUE 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 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 2-3mm thickness, the compound will be ready to receive textile floorcoverings from 24 hours. For greater thicknesses and for application onto non-absorbent surfaces, we would recommend that textile floorcoverings are installed from 48 hours.

## TOOLS

- Suitable steel smoothing trowel
- Spiked roller
- Mixing bucket
- Electric drill and power whisk
- Wash tools with water immediately after use

## STORAGE

Store between 5°C and 30°C under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught. Dampness will reduce the shelf life and may cause the powder to set in the sack.

## PACK SIZE

20kg bag.

## SHELF LIFE

6 months in unopened bags and stored under good conditions.

## HEALTH & SAFETY

This product is classified. Relevant safety data sheets and advice given can be found at [www.f-ball.com](http://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.

**FOR FURTHER INFORMATION ABOUT F. BALL PRODUCTS OR MORE DETAILED TECHNICAL ASSISTANCE, VISIT [F-BALL.COM](http://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](http://www.f-ball.com)  
[mail@f-ball.co.uk](mailto:mail@f-ball.co.uk)