



STOPGAP RED BAG

Water-Mix Smoothing Compound

Declared performance: CT-C25-F5 to BS EN 13813:2002

INTRODUCTION

STOPGAP RED BAG is a self-smoothing, water-mix smoothing compound 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 and autoclaved aerated concrete.

STOPGAP RED BAG is dimensionally stable and is supplied as a pre-blended dry powder which is designed for application between 3-15mm. It is protein-free which allows it to be used in biologically sensitive areas.

COVERAGE

A 20kg bag of STOPGAP RED BAG mixed with 4.0 litres of clean water will cover approximately 3.8m² at a thickness of 3mm.

SURFACE PREPARATION

Floor surfaces must be suitably prepared: sound, dry and free from contaminants that may prevent adhesion.

Where a concrete substrate moisture content is greater than 85% relative humidity (ASTM F2170) or exceeds 15gm/m²/24hrs (ASTM F1869) when tested in accordance with AS 1884, a STOPGAP moisture protection system should be used.

Concrete must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 10°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**.

HOW MUCH MATERIAL

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100M ² AREA	GRADED AGGREGATE
3mm	3.8m ²	26 units	n/a
6mm	1.9m ²	52 units	n/a
15mm	0.95m ²	95 x Powder 48 x Aggregate	

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

FEATURES

- Light to medium-duty applications
- Self-smoothing properties
- Protein free
- Water mix
- Application thickness from 3-15mm
- Can be filled up to 15mm
- Low odour

STANDARDS

All aspects of the installation of floorcoverings should be in accordance with the Australian Standards, e.g., AS 1884:2001, AS 2455.2:2019.

TECHNICAL INFORMATION

Declared performance	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 ² (EN 13892-2) 1 Day 7 Days 28 Days	>6.0 >15.0 >30.0
Flexural Strength N/mm ² (EN 13892-2) 1 Day 7 Days 28 Days	>2.0 >4.0 >5.0
Consumption per mm thickness	1.75 kg / m ²
Application thickness	Unfilled Filled
	3-15 mm 15mm

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.

MIXING

Standard Mix - Add 4.0 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. For unfilled mixes above 10mm, it is advisable to reduce the water additional by 0.2 litres to prevent separation of the mix.

Filled Mix - For application above 10mm, you can 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 4.2 litres of water per 20kg bag.

PUMP APPLICATION

STOPGAP RED BAG is suitable for pump application up to 10mm 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 10mm, 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 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.

Where ambient temperatures are greater than 20°C ensure STOPGAP RED BAG is mixed with clean, cold water to maintain working times and avoid flash setting. Ensure product is not stored in direct sunlight as this can significantly reduce working times and cause the product to set in the mixing bucket.

DRYING

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

On absorbent surfaces, at a nominal 3mm thickness, the smoothing compound 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

PACK SIZE

20kg lined paper sacks.

SHELF LIFE

9 months in unopened bags and stored under good conditions

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.

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



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