



STOPGAP 200 SMOOTH

Acrylic Floor Smoothing Underlayment

Screed classification: CT-C30-F7 to EN 13813:2002



Scan to view the product demonstration video



PRODUCT DATA

INTRODUCTION

STOPGAP 200 is a rapid drying, two component, low odour acrylic, self-levelling smoothing underlayment suitable for use in light to heavy-duty applications for preparing sound absorbent and non-absorbent subfloors prior to the installation of new floorcoverings.

STOPGAP 200 is dimensionally stable and is supplied as a pre-blended dry powder and acrylic liquid, which is designed for application between 2 - 20mm.

STOPGAP 200 is suitable for use over a wide range of subfloor types including STOPGAP waterproof surface membranes, sand/cement screed, concrete, synthetic anhydrite, sound flooring grade asphalt, granolithic, terrazzo, epoxy and polyurethane resins, ceramic and quarry tiles.

STOPGAP 200 powder when mixed with STOPGAP 200 Acrylic liquid is suitable for use in clinical and biologically sensitive area such as hospitals, laboratories, clean rooms etc.

COVERAGE

A 25kg bag of STOPGAP 200 mixed with 5.0 litres of STOPGAP 200 Acrylic liquid will cover approximately 4.8m² at a thickness of 3mm.

TECHNICAL INFORMATION

EN 13813 Class		CT-C30-F7
Working Time @ 20°C		20 - 30 minutes
Walk on hardness time @ 20°C		90 minutes
At 3mm thickness ready to receive floorcoverings over*: (Temperature dependent)		
	Absorbent surfaces	6 hours
	Non-absorbent surfaces	12 hours
Compressive Strength N/mm ² (EN 13892-2)	1 Day	>15.0
	7 Days	>25.0
	28 Days	>30.0
Flexural Strength N/mm ² (EN 13892-2)	1 Day	>3.0
	7 Days	>5.0
	28 Days	>7.0
Consumption per mm thickness		2.08 kg / m ²
Application thickness:	Unfilled	2-15 mm
	Filled	upto 20 mm



FEATURES

- Low odour
- Self-levelling properties at increased thicknesses
- Rapid drying
- Use in clinical areas
- Application thickness from 2 - 20mm
- Extended open time

STANDARDS

STOPGAP 200 complies to EN 13813:2002 which 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 sack
Liquid - 5 litre bottle

HOW MUCH MATERIAL?

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100m ² AREA	GRADED AGGREGATE
3mm	4.8m ²	21 units	n/a
5mm	2.9m ²	35 units	n/a
10mm	1.5m ²	69 units	n/a
15mm filled mix	1.3m ²	79 x units and 40 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 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 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.

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 STOPGAP waterproof surface membranes, sound flooring grade asphalt, minimal adhesive residues, terrazzo, and quarry tiles, should be primed with neat STOPGAP P131 to ensure that good adhesion is obtained between the underlayment and substrate.

Primers 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 STOPGAP 200 Acrylic 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.

Mix only with STOPGAP 200 Acrylic Liquid - 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 should be applied at a thickness between 2mm to 15mm, but can be taken down to feathered edge if required. For optimum smoothing and levelling characteristics, an overall thickness of at least 3mm should be maintained.

STOPGAP 200 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 temperatures i.e. approximately 3 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 compound will be ready to receive resilient floorcoverings after 6 hours.

For greater thicknesses and for application onto non-absorbent surfaces, we would recommend that resilient floorcoverings are installed after 12 hours.

TOOLS

Suitable 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. Dampness will reduce the shelf life and may cause the powder to set in the sack.

SHELF LIFE

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

Liquid: 12 months in unopened bottles.

HEALTH & SAFETY ADVICE

This product is not classified. Obtain the relevant Safety Data Sheet and follow the advice given.

These can be found at 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 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, please contact:

BALL 
F. Ball and Co. Ltd.

Churnetside Business Park
Station Road, Cheddleton, Leek
Staffordshire ST13 7RS
United Kingdom

Tel: +44 (0) 1538 361633
Fax: +44 (0) 1538 361622
Tech Services Fax: +44 (0) 1538 361567
Email: mail@f-ball.co.uk

www.f-ball.co.uk

