



STOPGAP 700 FLEX

Fibre Reinforced Floor Smoothing Underlayment

Screed classification: CT-C40-F10 to BS EN 13813:2002

PRODUCT DATA

INTRODUCTION

STOPGAP 700 is an ultra-fast drying, fibre reinforced self-levelling smoothing underlayment designed for use on plywood subfloors prior to the installation of new floorcoverings.

STOPGAP 700 is also suitable for use over suitably prepared steel subfloors.

STOPGAP 700 allows resilient floorcoverings to be installed in as little as 2 to 3 hours at 20°C, making it ideal for fast track installations.

STOPGAP 700 is dimensionally stable and is supplied as a pre-blended dry powder which is designed for application between 2-10mm. It is protein-free which allows it to be used in biologically sensitive areas.

COVERAGE

A 22kg bag of STOPGAP 700 mixed with 5.0 litres of clean water will cover approximately 4.7m² at a thickness of 3mm.

TECHNICAL INFORMATION

BS EN 13813 Class Designation	CT-C40-F10	
Working Time @ 20°C	15-25 minutes	
Walk on hardness time @ 20°C	90 minutes	
Ready to receive floorcoverings over all non-absorbent and absorbent surfaces. (Temperature dependant)	2-3 hours	
Compressive Strength N/mm ² (BS EN 13892-2)	4 Hours	>10.0
	1 Day	>25.0
	7 Days	>35.0
	28 Days	>45.0
Flexural Strength N/mm ² (BS EN 13892-2)	4 Hours	>3.0
	1 Day	>6.0
	7 Days	>8.0
	28 Days	>12.0
Consumption per mm thickness	1.55 kg / m ²	
Application thickness:	2-10 mm	



FEATURES

- Fibre reinforced and flexible
- Ultra fast drying technology
- Designed for use over plywood
- Application thickness from 2-10 mm
- Excellent self-levelling properties
- 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.

MATERIALS

22 kg lined paper sacks.

HOW MUCH MATERIAL?

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100m ² AREA
3mm	4.7m ²	22 bags
5mm	2.8m ²	36 bags
10mm	1.4m ²	71 bags

N.B. Coverage rates are based on 5.0 litre water addition.

SURFACE PREPARATION

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

Plywood should be a minimum of 6mm thick and secured according to the guidelines outlined in BS5325 and BS8203.

Steel surfaces must be grit blasted to SA2½ or rotary disc / wire brushed to ST2. The temperature of the floor must be maintained above 5°C throughout the application and drying of the underlayment.

For detailed information, request our Subfloor Preparation Guide.

PRIMING

It is essential to prime with dilute STOPGAP P131 primer to prevent uncontrolled rapid drying of the underlayment.

Steel surfaces must be primed with neat STOPGAP P131 primer.

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

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.

Water addition

4.75 litres minimum - 5.25 litres maximum per 25kg depending on consistency and flow properties required. Do not exceed 5.25 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 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 700 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 1½ hours 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.

Application of adhesives onto the surface can commence as soon as the surface is hard enough not to be damaged by the adhesive trowel – typically 2 to 3 hours at 20°C irrespective of thickness applied.

The open time of adhesives may be reduced due to heat retention within the underlayment caused by ultra rapid drying technology, when applied to thicker sections of STOPGAP 700.

The set product may appear darker than traditional underlayments, however this is normal, and does not indicate that the product is still wet.

TOOLS

Suitable long handled 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

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 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 Services Department.

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



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