



STOPGAP 700

Super Flexible, Fibre-Modified Smoothing Compound

Declared performance: CT-C30-F10 to EN 13813:2002

INTRODUCTION

STOPGAP 700 is a fast drying, fibre reinforced self-smoothing compound designed for use on plywood, sand/cement concrete and steel subfloors prior to the installation of new floorcoverings.

Note: STOPGAP 700 is not to be used as an integrated part of a horizontal A-Class division.

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

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.

STOPGAP 700 can be used to encapsulate wire heating systems over plywood up to a maximum thickness of 10mm.

COVERAGE

A 20kg bag of STOPGAP 700 mixed with 5.0 litres of clean water will cover approximately 5.0m² at a thickness of 3mm.

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 screw fixed according to the guidelines outlined in BS 5325 and BS 8203.

Steel surfaces must be grit blasted to SA2½. The temperature of the floor must be maintained above 10°C throughout the application and drying of the compound. Raised access panels should be securely fixed.

For application onto other subfloors, contact Technical Service.

For detailed information, request our **F. Ball Subfloor Preparation Guide**.

HOW MUCH MATERIAL

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100M ² AREA
3mm	4.8m ²	21 units
5mm	2.9m ²	35 units
10mm	1.4m ²	70 units

Coverage rates are based on 5.0 litre water addition.

FEATURES

- Fibre reinforced for improved flexibility
- Fast drying technology
- Designed for use over plywood, steel and raised access panels.
- Application thickness from 2-10 mm
- Approved for marine use
- Cured density 1650 kg/m³

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.

Tested in accordance with IMO FTP Code procedures, STOPGAP 700 is in compliance with the Merchant Shipping (Marine Equipment) Regulations 2016, S.I. 2016/1025, and the Marine Equipment Directive 2014/90/EU, and approved for use as a primary deck covering.



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SCAN QR CODE
TO VIEW PRODUCT DEMO VIDEO



TECHNICAL INFORMATION

Declared performance	CT-C30-F10
Working Time @ 20°C	20 - 30 minutes
Walk on hardness time @ 20°C	60 minutes
Ready to receive floorcoverings over: Absorbent surfaces @ 3mm Non-absorbent surfaces or greater than 5mm (Temperature dependent)	3 hours 4 hours
Compressive Strength N/mm ² (EN 13892-2) 1 Day 7 Days 28 Days	>10.0 >20.0 >30.0
Flexural Strength N/mm ² (EN 13892-2) 1 Day 7 Days 28 Days	>2.5 >5.0 >10.0
Consumption per mm thickness	1.40 kg/m ²
Application thickness	2-10 mm

PRIMING

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

Steel surfaces must be primed with an appropriate epoxide resin deck plate primer or STOPGAP F77 before priming with neat STOPGAP P141.

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

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 20kg 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 compound will accept foot traffic - typically 1 hour after application at 20°C. This time will be extended with reduced temperatures i.e. approximately 2 hours at 10°C.

DRYING

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

Over absorbent plywood surfaces the compound will be ready to receive resilient floorcoverings in as little as 3 hours when applied at a thickness of 3mm. On non-absorbent surfaces or application thicknesses above 5mm this time will be extended.

When encapsulating wire heating elements, the total thickness of the applied STOPGAP 700 must not exceed 10mm.

PRECAUTIONS

This product is for internal use only. Plywood should not be nailed/stapled.

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

PACK SIZE

20kg lined paper sacks.

SHELF LIFE

6 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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