



# STOPGAP 900 DPM-PREP

## Floor Smoothing Compound for use under STOPGAP F75 and STOPGAP F76

Screed classification : CT-C30-F7 to BS EN13813:2002

## PRODUCT DATA

### INTRODUCTION

**STOPGAP 900** is a 2 component floor smoothing compound specifically designed for use under STOPGAP F75 or F76 waterproof surface membranes. It can also be used to smooth floors prior to the installation of STOPGAP ISOLATOR membrane.

STOPGAP 900 is suitable for application over damp, uneven, concrete and sand/cement screeds to level the subfloor prior to the application of STOPGAP F75 or STOPGAP F76 waterproof surface membranes.

For application onto other surfaces contact Technical Services Department for specific advice.

STOPGAP 900 is dimensionally stable and is supplied as a pre-blended dry powder and acrylic liquid, which is designed for application between 3-20mm.

### COVERAGE

A 25kg bag of STOPGAP 900 powder mixed with 5.0 litres of STOPGAP 900 Acrylic Liquid will cover approximately 4.9m<sup>2</sup> at a thickness of 3mm.

### TECHNICAL INFORMATION

BS EN 13813 Class	CT-C30-F7
Working Time @ 20°C	15-20 minutes
Walk on hardness time @ 20°C	90 minutes
At 3mm thickness ready to overcoat using STOPGAP F75 or F76 (Temperature dependant)	24 hours
Compressive Strength N/mm <sup>2</sup> (BS EN13892-2)	
1 Day	> 10.0
7 Days	> 25.0
28 Days	> 30.0
Flexural Strength N/mm <sup>2</sup> (BS EN13892-2)	
1 Day	> 3.0
7 Days	> 6.0
28 Days	> 8.0
Consumption per mm thickness	2.03kg /m <sup>2</sup>
Application thickness:	
Unfilled	3-15mm
Filled	upto 20mm



### FEATURES

- For use under STOPGAP F75 and F76
- Fast set
- Self-smoothing properties
- Protein free
- Mix with STOPGAP 900 Acrylic Liquid
- Application thickness from 3-20mm
- Low odour

### BS EN13813:2002

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

Powder - 25kg lined paper sacks.  
Liquid - 5 litre bottles.

### HOW MUCH MATERIAL?

APPLIED THICKNESS	COVERAGE PER UNIT	CONSUMPTION PER 100m <sup>2</sup> AREA	GRADED AGGREGATE
3mm	4.9m <sup>2</sup>	21 units	n/a
5mm	3.0m <sup>2</sup>	34 units	n/a
10mm	1.5m <sup>2</sup>	68 units	n/a
20mm filled mix	1.0m <sup>2</sup>	103 x units and 52 x aggregate	

N.B. 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 and free from contaminants that may prevent adhesion.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed by mechanical means. The temperature of the floor must be maintained above 5°C throughout the application and drying of the compound.

For detailed information, request our Subfloor Preparation Guide.

## PRIMING

No primer is necessary. However, to ensure satisfactory bonding, the prepared surface must be dampened down with clean water to prevent pin-holing and uncontrolled rapid drying of the compound.

Ensure that the surface is in a saturated surface dry condition with no standing water prior to application of STOPGAP 900.

## MIXING

**Standard Mix:** Add 5.0 litres of STOPGAP 900 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.

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 3mm to 15mm.

STOPGAP 900 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 1/2 hours after application at 20°C. This time will be extended with reduced temperature i.e. approximately 3 hours at 10°C.

## OVERCOATING

Allow the compound to cure for at least 24 hours to gain sufficient surface strength before applying STOPGAP F75 or F76.

## 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. When stored correctly, as above, and used within 6 months of the date shown on the packaging, the activity of the reducing agent added will be maintained and this product will contain, when mixed, no more than 0.0002% (2ppm) soluble chromium (VI) of the total dry weight of the cement.

## SHELF LIFE

Powder: 6 months in unopened bags and stored under good conditions.  
Liquid: 12 months in unopened bottles.

## HEALTH & SAFETY ADVICE

STOPGAP 900 powder 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](http://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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