



# STOPGAP F78

## One Component, Rapid Drying Waterproof Surface Membrane



Scan to view the product demonstration video



### PRODUCT DATA

#### INTRODUCTION

**STOPGAP F78** is a solvent free, one component, ready to use system which dries rapidly to provide a waterproof surface membrane. STOPGAP F78 impedes the passage of residual construction moisture from affecting subsequent floorcovering installations, therefore allowing early installation of floorcoverings in fast track building programmes.

STOPGAP F78 must be applied in two coats and can be used to isolate residual construction moisture where relative humidity values are up to 95%. It is pigmented blue to allow the user to visually control coverage uniformity.

#### BASE PREPARATION

It is essential that STOPGAP F78 is applied to a clean and absorbent substrate. Any surface contaminants such as surface hardeners, cement laitance etc., should be removed to produce a slightly textured surface. The surface strength of the substrate should be greater than 1.5 N/mm<sup>2</sup> in accordance with BS 8204-6 Part 7.2. Power floated concrete should be mechanically prepared. Bases must contain a structural damp proof membrane. Rough, uneven or damaged concrete or sand/cement screeds must be smoothed/ repaired with STOPGAP 1200 PRO, STOPGAP GREEN BAG/114 or STOPGAP 460 EXTERIOR REPAIR.

Joints between bays where continual movement of the base is not anticipated or small hollows may be filled with an epoxy based material such as STOPGAP F77 mixed with clean dry sand and allowed to fully cure before applying the membrane.

Care must be taken to minimise the occurrence of pinholes in the underlayment when pre-smoothing.

It is essential that hygrometer readings in accordance with Appendix A of BS 8203 (Installation of resilient floor coverings) and BS 5325 (Installation of textile floor coverings) are taken and recorded prior to commencing the installation. For further guidance please refer to the F. Ball Subfloor Preparation Guide.



For the ultimate fast-track flooring solution, we recommend the use of STOPGAP F78 rapid drying waterproof surface membrane in conjunction with STOPGAP FAST-TRACK 30 smoothing underlayment.

#### TECHNICAL INFORMATION

Colour	Blue
Consistency	Liquid
Coverage	Applications up to 95% RH – 3.3m <sup>2</sup> /kg as a two coat application
Cure Time	Approximately 15-30 minutes for the first coat at a temperature of 20°C, for the second coat allow 30 minutes



#### FEATURES

- Impedes the passage of construction moisture up to 95% RH with a two coat application
- Colour pigmented to aid coverage uniformity
- No priming is required with underlayments
- No mixing required
- Can be resealed and stored for future use

#### PACKAGING

- 6kg unit
- 12kg unit
- 18kg unit

#### HOW MUCH MATERIAL?

SIZE	COVERAGE PER UNIT (TWO-COAT APPLICATION)
6kg	approximately 20m <sup>2</sup> up to 95% RH
12kg	approximately 40m <sup>2</sup> up to 95% RH
18kg	approximately 60m <sup>2</sup> up to 95% RH

Note: The coverage rate refers to a smooth, clean surface. A textured or highly absorbent surface profile will reduce the coverage rate.

## APPLICATION

Shake the bottle to mix the contents immediately prior to use.

**STOPGAP F78 must be applied in a minimum of two coats.**

The floor temperature must be above 10°C when the membrane is applied. STOPGAP F78 should be applied over the whole floor and up to the DPC in the wall.

With particularly low absorbent or finished screeds with a tight surface, first apply a dilute coat of STOPGAP F78 (1:1 with water) and allow to dry (approx. 20 mins). This will ensure that the STOPGAP F78 penetrates into the surface of the screed prior to applying the two coats of undiluted STOPGAP F78.

1st Coat: Using a pre-coated roller apply the first coat in one direction ensuring that the material is worked well into the substrate.

2nd Coat: When the 1st coat is touch dry, approximately 15-30 minutes at 20°C, apply the 2nd coat at a right angle to the 1st coat.

It is essential that a pin-hole free coating is achieved and to maintain a coverage rate of 3.3m<sup>2</sup>/kg as a two coat application.

When applied to very absorbent surfaces, the membrane can be absorbed into the subfloor leaving a subdued shine. In such instances or where pinholes and weak spots are evident, a further application will be required.

Apply the appropriate STOPGAP smoothing underlayment within 12 hours of the membrane curing to provide an absorbent surface suitable for the application of adhesives.

**If the membrane is not covered within 12 hours of curing, a further coat of STOPGAP F78 must be applied and allowed to dry before proceeding with the application of the underlayment.**

Under certain conditions it may be possible to apply a suitable adhesive such as STYCCOBOND F41, direct to the fully cured membrane.

For details on specific floorcoverings see the F. Ball Recommended Adhesives Guide and adhesive data sheets, alternatively consult the Technical Service Department, where a written specification will be prepared on request.

## CURING TIMES

This greatly depends on temperature. At an ambient temperature of 20°C allow 15-30 minutes for the first coat to become touch dry then apply the second coat. Allow 30 minutes for the second coat to cure.

## PRECAUTIONS

**Do not use STOPGAP PI31 to prime STOPGAP F78.**

Joints designed to allow movement of the subfloor must not be bridged with STOPGAP F78 waterproof surface membrane. These joints must be sealed with a suitable impervious flexible jointing compound after the application of the membrane.

Do not use over synthetic anhydrite or other gypsum/sulphate based subfloors.

Not suitable for use on subfloors with underfloor heating.

## TOOLS

Paint roller.

Wash tools with warm water immediately after use.

## STORAGE

Store between 5°C and 30°C.

## SHELF LIFE

12 months in unopened containers stored under good conditions.

## HEALTH & SAFETY ADVICE

This product is not classified. Obtain the relevant Safety Data Sheets and follow the advice given. These can be found at [www.f-ball.co.uk](http://www.f-ball.co.uk).

Alternatively, these can be requested 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 our Technical Service Department.

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



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