



STOPGAP F78

One Component, Rapid Drying Waterproof Surface Membrane

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% (ASTM F2170). 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/mm². Power floated concrete should be mechanically prepared. Bases must contain a structural damp proof membrane. Rough, uneven or damaged concrete must be smoothed/repared with STOPGAP 1500 or STOPGAP 460 EXTERIOR REPAIR.

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

It is essential that moisture readings in accordance ASTM F2170 are taken and recorded prior to commencing the installation. For further guidance please refer to the **F. Ball Subfloor Preparation Guide**.

HOW MUCH MATERIAL

PACK SIZE	COVERAGE PER UNIT (TWO-COAT APPLICATION)
12kg	approximately 40m ² 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.

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 smoothing compounds
- No mixing required
- Can be resealed and stored for future use

SCAN QR CODE
TO VIEW PRODUCT DEMO VIDEO



TECHNICAL INFORMATION

Colour	Blue
Consistency	Liquid
Working Time	Applications up to 95% RH – 3.3m ² /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

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 3.3m²/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 compound 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 smoothing compound.

Under certain conditions it may be possible to apply a suitable adhesive such as STYCCOBOND F40, 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 P131 or P141 to prime STOPGAP F78.

Joints designed to allow movement of the subfloor must not be bridged and should be terminated at the edge detail with STOPGAP F78 waterproof surface membrane.

These joints must be sealed with a suitable impervious flexible jointing compound after the application of the membrane.

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. Protect from frost.

PACK SIZE

12kg unit

SHELF LIFE

12 months in unopened containers stored under good conditions.

HEALTH AND 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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