

STOPGAP F76 HIGH-PERFORMANCE WATERPROOF SURFACE MEMBRANE. ONE COAT APPLICATION SYSTEM

CI/SfB 1976 reference by SfB Agency

(43) Yt3

PRODUCT DATA SHEET
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SITE CONDITIONS VARY, TO ENSURE THIS PRODUCT IS SUITABLE AND TO CONFIRM THIS DATA SHEET IS CURRENT, PLEASE CALL OUR TECHNICAL SERVICES DEPARTMENT.

DESCRIPTION - A solvent free two part epoxide resin system which chemically cures to provide a surface membrane. STOPGAP F76 prevents the passage of residual construction moisture from affecting subsequent floorcovering installations, therefore allowing early installation of floorcoverings in fast track building programs. STOPGAP F76 is pigmented to allow the user to visually control coverage uniformity. It can be used to isolate residual construction moisture where relative humidity values are up to 92%.

PREPARATION - Subfloors must be absorbent, sound, smooth, clean, surface dry and free from dust, grease, old adhesive residues and other contaminants which will prevent adhesion. Bases must be fully cured and any laitence, surface hardeners and waterproofers must be removed. The floor temperature must be above 10°C when the membrane is applied. New concrete or sand/cement screeds must be left for a minimum of 7 days before application of the membrane. Rough or uneven surfaces must be smoothed over with STOPGAP GREEN BAG & 55 acrylic smoothing underlayment. The underlayment should be left for at least 12 hours to dry before application of the surface waterproof membrane. Power floated subfloors should be shot blasted to assist adhesion. Bay joints in the subfloor where continual differential movement of the base is not anticipated, or small hollows may be filled with STOPGAP F76 mixed with dry sand or sharp grit and allowed to fully cure before applying the membrane.

TOOLS - Trowel (supplied) and roller. Use STYCCOCLEAN C 141 general purpose cleaner to remove uncured material from tools and equipment.

MIXING - Empty all the contents of the Hardener container into the Resin container and thoroughly stir together using a power whisk fitted in a low speed electric drill, until a uniform colour and consistency is achieved (approximately 2 minutes). Scrape the sides of the container to ensure all the Resin component has been mixed. If required add the STOPGAP ACCELERATOR and mix for a further minute. STOPGAP F76 hardens by chemical reaction, **it is important that once mixed the membrane is applied immediately to the subfloor.**

WORKING TIME - Once mixed and poured on to the floor STOPGAP F76 will remain workable for approximately 40 minutes at 20°C. If the STOPGAP ACCELERATOR has been used the working time will be approximately 30 minutes. At lower temperatures the time will be extended. If mixed and left in the container, the working time of STOPGAP F76 will be significantly reduced.

TECHNICAL CHARACTERISTICS

COLOUR	- Blue.
CONSISTENCY	- Liquid.
FLASH POINT	- Not applicable.
COVERAGE	- 3m ² per kg.
STORAGE	- Store between 5°C and 30°C.
SHELF LIFE	- 12 months in unopened containers stored under good conditions.
PACKAGES	- 5 and 10 kg Kits. The resin and hardener are supplied in the correct quantities for mixing without measuring.
WORKING TIME	- 40 mins when poured onto the floor at 20°C. 30 mins with STOPGAP ACCELERATOR when poured onto the floor at 20°C.
CURE TIME	- Approximately 18-24 hours at a floor temperature of 20°C. Approximately 3 hours with STOPGAP ACCELERATOR at a floor temperature of 20°C.

APPLICATION - STOPGAP F76 is applied over the whole floor and up to the DPC in the wall where the relative humidity does not exceed 92%. It is essential that hygrometer readings in accordance with Appendix A of BS8203 Installation of resilient floorcoverings are taken and recorded prior to commencing the installation. **Pour the product onto the floor immediately after mixing.** Spread the membrane using the supplied trowel to obtain the correct coat weight. Then using a roller pre-wetted with the membrane obtain an even, pinhole free coating, ensuring that the coverage quoted is not exceeded. It is essential that the membrane hardens to form a continuous coating, free from pinholes or weak spots and that it has a glossy blue finish over the whole surface. 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 second application will be required. When the membrane has fully cured apply STOPGAP P131 general purpose neoprene primer, as directed on the product container, before applying a smoothing underlayment.

(continued overleaf)



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CURING TIME - This greatly depends on temperature. At 20°C allow 18-24 hours before the application of a primer followed by a smoothing underlayment. A suitable pressure sensitive adhesive or surface tackifier can also be applied directly to the membrane after 18-24 hours. At lower temperatures the cure time will be extended. If STOPGAP ACCELERATOR has been used the cure time will be reduced to about 3 hours at 20°C.

SURFACE PREPARATION - Apply an overall skim of the appropriate STOPGAP smoothing underlayment to the fully cured membrane to provide an absorbent surface suitable for the application of adhesives. Under certain conditions it may be possible to apply a suitable pressure sensitive acrylic adhesive such as STYCCOBOND F40, F41, F43 or F46 direct to the fully cured membrane. For details on specific floorcoverings see the STYCCOBOND Recommended Adhesives Guide and adhesives data sheets, alternatively consult the Technical Services Department, where a written specification will be prepared on request.

PRECAUTIONS - Mix only in full packs as mixing ratios are critical.

Avoid skin contact. See Health and Safety information provided. Construction joints designed to allow movement of the subfloor must not be bridged with STOPGAP F76 surface waterproof membrane. These joints must be sealed with a suitable impervious flexible jointing compound after the application of the membrane.

Do not over mix as this can generate heat and shorten the normal working time.

Do not store the products above 25°C prior to mixing as this will shorten the normal working time.

Failure to ensure that all of the resin and hardener is completely mixed prior to application will leave patches of soft uncured material on the floor and render the membrane ineffective.

Not suitable over floors that incorporate an under floor heating system.

Do not use over synthetic anhydrite subfloors.

HEALTH AND SAFETY ADVICE

This product is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations.

Obtain the relevant Material Safety Data Sheets and follow the advice given. These can be found at 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 overleaf.

