



Never compromise on quality!



FS4 FIRESHIELD AC

Intumescent Acoustic Sealant

Description

A high performance, flexible acrylic building sealant and adhesive which, in the event of fire, will swell to provide a smoke resistant barrier. Up to 4 hour fire rating achievable.

A solvent-free, ready to use sealant, tested to the following specifications:

BS EN 1366-4: 2006 achieving 4 hour integrity and insulation rating for a range of linear seals.

BS EN ISO 10140-2:2010. Measurement of Airborne Sound Insulation of Building elements. The sealant maintained the integrity of a plasterboard partition wall with a Sound Reduction Index of 55dB.

Uses

FIRESHIELD AC is specially manufactured to form an acoustic and fire rated intumescent barrier in construction applications.

When subjected to heat Bond It **FIRESHIELD AC** swells (intumesces) to provide an inert barrier to smoke and flame.

The fire resistance achievable with Bond It **FIRESHIELD AC** depends upon the joint design, depth of sealant and substrates being sealed. Details of fire testing are available on request.

It is non-slumping and rapid skinning. It can also be overpainted within 1 hour.

Application

All surfaces to be sealed must be clean, dry and free from grease, laitence or dust that may hinder adhesion.

When applying the sealant, ensure all crevices are filled and there is complete contact between sealant and substrate. Tool down using a wetted spatula. Any excess may be removed using soapy water before **FIRESHIELD AC** dries. Do not apply in damp conditions.

Limitations

FIRESHIELD AC is not suitable in joints where movement exceeds + or - 12.5% of joint width, or in external joints.

Container Size

EU3 and EU9 cartridges and 600ml foil sausages (white only).

Storage Conditions

Store in cool dry conditions between 5-15°C
Protect from frost.

Storage Life

12 months from date of manufacture if stored in original unopened cartridge.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Specification Summary

Appearance	Viscous paste, hardening by evaporation of water to a plastic/elastic solid
Flammability	Non flammable
Tack Free Time	15 mins - 1 hour dependent on ambient conditions
Specific Gravity	1.60 - 1.66
application Temperature	5-40°C
Service Temperature	-20 to +70°C
Solubility (water)	Miscible when uncured
Slump Resistance	<3mm

Code:	BDFWH9	BDFWH	BDFS4WH6
Colour:	White	White	White
Size:	EU9	EU3	600ml
Barcode:	5060021364616	5060021365187	5060021371829

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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ISO 9001
ISO 14001



BOND IT
Unit G16 River Bank Way, Lowfields Business Park, Elland,
West Yorkshire HX5 9DN.
Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310
Email: sales@bond-it.co.uk Website: www.bond-it.co.uk



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