bond it

Never compromise on quality!

ASTRAL
where INNOVATION flows

MADE IN THE UK

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 EN1366 - 3:2009 achieving 4 hours integrity and 2 hours insulation for a range of penetration seals & BS EN1366 - 4:2006 achieving 4 hour integrity and insulation rating for a range of linear joints.

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 fre 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.

PREMIERE RANGE PRODUCT

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	5056437400314

BOND IT
Units G16,17,18 & 20 River Bank Way, Lowfields Business Park, Elland, West Yorkshire HX5 9DN.
Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310
Email: sales@bonditgroup.com   Website: www.bonditgroup.com

bond it

V8 13/3/20
Supercedes V7 28/2/20