



TECHNICAL DATA

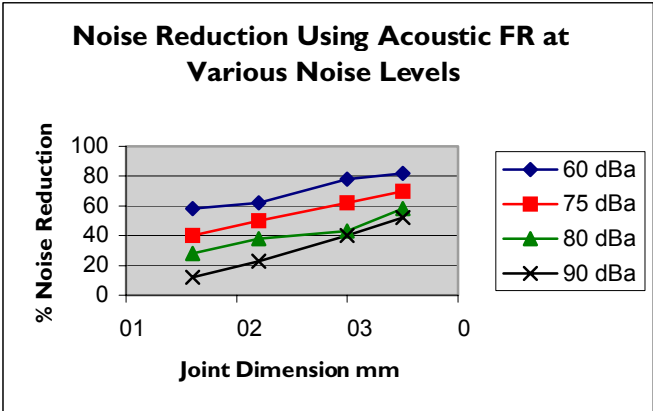
Geocel® Acoustic FR

Acoustic, fire rated sealant tested to BSEN 140 part 3 & BSEN 20140



Geocel® Acoustic FR is a one-part flexible acrylic waterbased acoustic, fire rated sealant tested to BSEN 140 Part 3, BSEN 20140 and BS 476: Part 20: 1987. It is specifically formulated to form an acoustic and fire rated intumescent barrier by sealing gaps between plasterboard walls, floors and ceilings, dry linings, and kraft lined insulation boards. It adheres to all construction substrates and can be painted within one hour, dependant on temperature and humidity. Geocel® Acoustic FR is solvent free, non flammable, and easy to use and clean up.

- Forms an acoustic and fire rated intumescent barrier.
- Up to 4 hour fire rating can be achieved



SPECIFICATIONS	
	BSEN 140 Part 3,
	BSEN 20140
	BS 476: Part 20
	Manufactured under ISO 9001

TECHNICAL DATA

Storage Life	Approx 18 months when stored in a cool, dry, frost free place (above 4°C)
Colour	White
Service Temperature	-35°C to +90°C
Application Temperature	+5°C to +40°C
Slump	Nil
Shrinkage	Approx 12.5%
Staining	None
Tack Free Time	30 minutes
Water Resistance	Good when fully cured
UV Resistance	Excellent
Joint Movement Capability	12.5%
Acoustic Specifications	Tested to BSEN 140 part 3 and BSEN 20140



FIRE TEST SPECIFICATIONS

BS 476: Part 20: 1987 in joint configuration. Warrington Fire Research Test Report No. 101268A is available to illustrate that Geocel Acoustic FR will achieve in excess of 4 hours fire rating in specified joint configurations.

Width (mm) Depth (mm)	Backer	Seal Type	Rating
6 x 6	P/E	Single	4 hrs
10 x 10	P/E	Single	4 hrs
15 x 15	P/E	Single	4 hrs
20 x 10	M/W	Single	4 hrs
8 x 6	P/E	Double	4 hrs
25 x 10	P/E	Double	4 hrs
25 x 15	P/E	Double	4 hrs

P/E = Closed cell polyethylene backer rod
(Nominal density 35kg/m³)

M/W = Mineral wool fibre (Nominal density 100kg/m³)

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Geocel® Sales Representative prior to writing specifications on this product.

APPLICATION

Ensure all surfaces are clean, dry and sound. In order to obtain a smooth professional finish masking tape may be used to ensure neat sealant lines. Apply a continuous sealant bead into the joint.

FINISHING & CLEAN UP

Tool within 5 minutes of application with a suitable spatula. Remove masking tape immediately after tooling.

LIMITATIONS

Geocel® Acoustic FR is only water resistant once fully cured; therefore do not apply in damp conditions.

PACKAGING

Geocel® Acoustic FR is supplied in 380ml cartridges packed in boxes of 12.

HEALTH AND SAFETY

Health and Safety data sheets available on request.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact Geocel® Technical Service.

IMPORTANT NOTE The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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