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FIREZERO THERMALZERO ACOUSTICSOUNDZERO ACOUSTICFIREZERO VIBROZERO HYGENAZERO

ACOUSTICFIRE ZERO SEALANT

PRODUCT DESCRIPTION

ACOUSTICFIRE ZERO SEALANT is a halogen free, acrylic based fire and acoustic sealant.

PRODUCT FUNCTION

ACOUSTICFIRE ZERO SEALANT is a dual application product that helps prevent the passage of fire and smoke as well as achieving a high acoustic seal. The sealant has excellent adhesion to a wide range of substrates and will not harden or crack with age. **ACOUSTICFIREZERO SEALANT** provides high movement capability in fire rated linear joints and around penetrations in sub-structures including our own ranges of faced slabs and coated batts (see website for more details).

HEALTH & SAFETY

ACOUSTICFIRE ZERO SEALANT presents no known health hazards when used as recommended. Consult Health & Safety datasheet for further information. As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, seek medical attention do not induce vomiting and give copious amounts of water to drink. **KEEP AWAY FROM CHILDREN AND ANIMALS.**

APPLICATION INSTRUCTIONS

To achieve a high quality joint using **ACOUSTICFIRE ZERO SEALANT**, clean all surfaces, remove dust and ensure surfaces are dry. Nonporous surfaces should be degreased using a suitable degreasing agent. Highly porous surfaces should be sealed with a suitable primer. Apply masking tape to each side of the joint and gun sealant firmly into the joint, smoothing off with a wetted spatula. Masking tape should also be removed within 10 minutes of application.

Reference	Size	Colour	Stock Item?
MASTIC/INT/310ML	310ml	White	Yes
MASTIC/INT/830ML	830ml	White	No min qtys apply
FOIL/INT/600ML	Foil Only 600ml	White	No min qtys apply

We also offer these products in a range of colours subject to a minimum quantity order

STANDARDS

MDL Insulations Ltd are accredited with ISO 14001 and ISO 9001 with a certificate no: 40007207. Our core mineral wool products are manufactured in accordance with BS Quality Assurance Standard BS EN ISO 9001:2000 and Product Standard EN 13162 and CE marked and certified where appropriate.



Data Sheet No: 0049

Issue : 02

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A data sheet is given as a guide only, results shown are obtained under test conditions and results may vary dependent to site conditions. It is the buyers responsibility to confirm suitability for their application with their designers. No responsibility for unsuitability will be accepted by MDL INSULATIONS LTD.

ACOUSTICFIRE ZERO



APPLICATION DETAIL

ACOUSTICFIRE ZERO SEALANT forms an acoustic, fire and smoke seal in joints up to 35mm wide without slumping. Can be over painted.

Main uses are:

- In and around partitions for flexibility
- Linear gaps vertically and horizontally in walls
- Around penetrations in **FIREZERO Batts and Slabs**
- Around **FIREZERO Rainscreen Range**
- Use in low movement joints
- Around metallic pipes, cables trays and cable ladders

TECHNICAL DATA

ACOUSTICFIRE ZERO SEALANT has been independently tested to the following assessments:

ACOUSTICFIRE ZERO is manufactured to achieve BS EN 1366-3: 2004 & BS EN 1366-4: 2006 tested at Bodycote Warrington Fire, report No. 173658A achieving 4 hours integrity and insulation rating for a range of linear and penetration seals.

ACOUSTICFIRE ZERO fire test based on BS476 Part 20 at Warrington Fire Research and achieved a 4 hour fire rating (integrity) for a range of vertical and horizontal joints up to 35mm wide between various non-combustible construction materials. A 1 hour fire rating (integrity) was achieved for a range of vertical joints up to 25mm wide between combustible materials (timber). PE or mineral wool backers can be used.

ACOUSTICFIRE ZERO under BS EN ISO 140-3. 1995 Measurement of Airborne Sound Insulation of Building Elements. University of Salford reports 125-76;77 and 79. The sealant maintained the integrity of a plasterboard partition wall with a Sound Reduction Index of 55dB.

Movement Accommodation:	+ or - 7.5% Conforms to ISO 116007.5P
Skinning Time:	15 mins to 1 hour depending on conditions
Cure Time:	5 to 15 days for 15 x 20mm bead
Hardness Shore A:	25-30
Temperature Resistance:	-20°C to +60°C (intermittent)
Paintability:	With most Paints
Application Temperature:	+ 5°C to + 40°C
Cleaning:	Uncured sealant with water
Specific Gravity:	1.62—1.66
Store in a frost free area to protect from freezing	