

FIREZERO Intumescent Acoustic Sealant

**Fire and Acoustic Rated Sealant
used for sealing linear joints
and imperfection in multiple
construction applications.**



- ✓ Halogen Free.
- ✓ Acrylic Based.
- ✓ Can be used in gaps up to 35mm .
- ✓ Non slumping.
- ✓ Can be over painted.
- ✓ Can be used in movement joints.
- ✓ Excellent adhesion to most substrates.



Product Description

Intumescent Acoustic Sealant is a halogen free, polymer emulsion-based sealant that swells when subject to temperatures in excess of 125°C and forms a char coat that restricts the passage of smoke and fire. It is easily applied and dries to a flexible and smooth surfaced material which is readily over paintable.

Product Code	Product Description	Size	Box Quantity	Colour
MASTIC/INT/310ML	MDL Firezero Intumescent Acoustic Sealant	310ml	25 Tubes	White

Technical Details

Movement Accommodation	+7.5% Conforms to ISO 11600 7.5P
Skinning Time	15 mins to 1 hour depending on conditions
Cure Time	3mm per 24hrs depending on conditions
Shore A Hardness	40-50
Tensile Strength (100%)	0.2 Mpa
Temperature Resistance	-20°C to +60°C (intermittent)
Printability	With most paints
Application Temperature	+5°C to 40°C
Cleaning	Uncured sealant with water
Shelf Life	18 months when stored in unopened containers as recommended
Specific Gravity	1.6 - 1.68
Movement Accommodation	+7.5% Conforms to ISO 11600 7.5P

Application Instructions

MDL Firezero Intumescent Acoustic Sealant forms a fire and smoke seal in joints up to 35mm wide without slumping. To achieve a high-quality joint, clean all surfaces, remove dust and ensure surfaces are dry. Non-porous surfaces should be degreased using suitable degreasing agent. Highly porous surfaces should be sealed using a suitable primer. Apply masking tape to each side of the joint and gun sealant firmly into the joint, smoothing off with a spatula. Masking tape should be removed within 10 minutes of application.



Coverage

A 310ml tube is sufficient to produce a joint approx. 1m long of 20mm x 15mm.

Storage

Store in cool dry conditions between 50c -250c. **PROTECT FROM FROST.**

COSHH

MDL are committed to supplying products which are both safe to install and manufactured in a safety conscious environment. We continue to assess all components used in our products to meet all the requirements of the Substances Hazardous to Health Regulations (COSHH). COSHH datasheets are available upon request for all MDL products and components used in our manufacturing processes.

MDL Firezero Intumescent Acoustic Sealant presents no known health hazards when used as recommended. 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.

Disclaimer:

The information provided in this datasheet is intended for general guidance purposes only and does not constitute professional advice. Users are advised to conduct their own tests and evaluations to determine the suitability of the product for their specific application to meet relevant fire safety standards. Use of all products should be approved by the appropriate designer under CDM 2015 regulations. MDL Insulations Ltd. shall not be liable for any loss or damage, including but not limited to indirect or consequential loss or damage, or any loss or damage whatsoever arising from the use of this product or reliance on the information provided in this datasheet. It is the responsibility of the user to ensure proper installation, maintenance, and compliance with relevant guidelines. By using this product, the user agrees to accept all risks associated with its use and releases the manufacturer from any liability whatsoever.



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