



Knauf Intumescent and Acoustic Mastic

Knauf Intumescent and Acoustic Mastic is a water based, acrylic expanding fire resistant sealer, designed specifically for linear joint sealing, provides noise reduction capabilities and helps with acoustic separation in partitions.

Product-Data-Sheet

07/2024



Areas of Application

For use in liner joints, excellent adhesion to most common building substrates.

Compliance Standards

BS EN 1366-3 with additional guidelines from BS EN 1366-4 for fire protection joints and testing in accordance with BS EN ISO 140-3:1995 for acoustic performance.

Key Benefits

- Provides a perimeter seal to Fire Rated Systems
- No priming required for most construction substrates
- Joint movement capability of 7.5%
- Excellent slump resistance
- Fast cure – tack free within an hour
- Easy to apply and tool off
- Halogen free
- Paintable
- Reduces sound transmission in joints

Creation Date: 30/08/2023
Revision Reference: 002
Revision Date: 15/07/2024

Build on us.

Product Information

Performance Data

Reaction to Fire	Tensile Properties	Elastic Recovery	Dangerous Substances	Adhesion	Durability	Impact Sound Insulation	Airborne sound insulation
Class F	Elongation at break ≥ 100% @23°C, M2 Mortar	7.5% Elongation 33% recovery, M2 Mortar	No release of dangerous substances	No failure, M2 Mortar	Z ²	NPD	NPD

Technical Information

Size (ml)	Form	Specific Gravity	Flash point	Tack Free	Skin Formation	Flexibility (%) (ISO 11600)	Compatibility	Colour	Material Number
310	Ready to use thixotropic paste	1.60 - 1.64	None	Max. 60 mins.	Max. 20 mins.	7.5	Suitable for use with most materials, but should not be used in direct contact with bituminous materials.	Blue	258281
600									258280

Additional Information

Sustainability

Recyclability

Not recyclable

Substances of very high Concern (SVHC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no SVHC. For more information please consult the Safety Data Sheet.

Volatile Organic Compound Content (VOC)

TVOC – 14µg/m³ emission rate after 3 days

TVOC – <5µg/m³ after 4 weeks

TSVOC – <5µg/m³ emission rate after 3 days

TSVOC – <5µg/m³ emission rate after 4 weeks

Storage and Handling

Store between 10°C and 30°C.

Packaging

310ml plastic cartridge and 600ml foil tubes.

Shelf Life/Service Life

18 months stored un-opened. In temperatures between 10°C and 30°C.

Disposal

Disposal should be in accordance with local authority requirements.

Health & Safety

Please refer to our Safety Data Sheet for guidance on Personal Protection Equipment required for the handling and installation of this product.

Application / Installation

In conjunction with Plasterboard, a bead of Knauf Intumescent and Acoustic Mastic is required to the plasterboard perimeter edges and at abutment studs to maintain fire/acoustic resistance seal to the structure. Two continuous 6mm beads of Knauf Intumescent and Acoustic Mastic should be installed underneath the floor channel (Knauf U Channel), between the head channel and plasterboard fillets and between the plasterboard fillets and the soffit.

Additional Documentation

[Declaration of Performance UKCA](#)

[Declaration of Performance CE](#)

[Safety Data Sheet](#)

Product Accreditations:



Knauf UK GmbH Company Accreditations:



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