

NORSOUND

SPECIALISTS IN ACOUSTIC DOOR SEALS

NOR-COUSTIC (NOR115)

Acoustic Fire Rated Mastic Datasheet



NOR-COUSTIC Sealant is a one part, intumescent acrylic emulsion. It is designed to resist the passage of both fire and sound. The sealant will intumesce and form a char that produces a smoke seal when exposed to the heat of a fire. In normal use it will maintain the sound reduction index of a structure.

Key Benefits

- Fire rated up to 5 hours.
- Average sound reduction up to 48dB
- Joint movement capability of +/- 10%
- Halogen free Resists fungi and vermin.
- Easy to use.

Specification

Packaging - 310ml cartridges

Colour - white

Slump - nil up to 20mm

Cure time - 1.5mm per 24hours

Skinning time - 10 minutes at 23°C / 50% RH

Shore/A - 50

Application temperature - +5° to +30°C

Installation

- Clean all joints free from dust, oil and grease.
- Mask surrounding surfaces if necessary.
- Ensure gap is filled using a suitable backing material.
- Fill gap to the required depth, tool off for a smooth finish.
- Minimum depth to be 6mm.

Compliance

NOR-COUSTIC sealant is manufactured in the EU, meeting the highest quality standard in compliance with ISO EN 9001. For fire test information please contact Norsound.

Storage and disposal

NOR-COUSTIC sealant is not affected by outdoors environment. However, for long-term storage it is recommended that it should be stored in dry, frost free conditions below +30°C.

	Reference Wall	Wall with Single Seal	Wall with Double Seal
Average SRI (100 – 3150Hz)	44.4dB	42.9dB	45.1dB
Weighted SRI, Rw Index	47dB	46dB	48dB
STC Rating	47dB	46dB	48dB

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Performance

Floor & Wall Joint Size Width x Depth	Backing	Gap Face Material	Integrity Rating (mins)	Insulation Rating (mins) *	Linear Metres per Cartridge
5mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	6.2
10mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	3.1
15mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	2.07
20mm x 10mm	PE Open Cell Foam	AAC/AAC	300	300	1.55
25mm x 15mm	PE Open Cell Foam	AAC/AAC	300	215	0.83
30mm x 15mm	PE Open Cell Foam	AAC/AAC	300	215	0.69
35mm x 20mm	PE Open Cell Foam	AAC/AAC	300	214	0.44
40mm x 20mm	PE Open Cell Foam	AAC/AAC	300	214	0.39
45mm x 25mm	PE Open Cell Foam	AAC/AAC	300	214	0.28
50mm x 25mm	PE Open Cell Foam	AAC/AAC	300	214	0.25
5mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	4.13
10mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	2.07
15mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	1.38
20mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	1.03
25mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	0.83
30mm x 15mm	PE Open Cell Foam	AAC/STEEL	300	91	0.69

* Insulation in floor reduces by 50%, however Integrity remains the same.