

CMS dB Acoustic Sealant

Product Description

dB Acoustic Sealant is a one-part fire resistant gun grade acoustic sealant. The formulation is based on an acrylic emulsion which gives a firm but flexible seal to joints in a variety of structures.

The product has been designed to give optimum sealing and application performance by both cartridge coupled with outstanding fire resistance. It has been extensively tested to BS 476 Part 20/22 and is capable of providing over 5 hours' fire resistance in joints up to 50mm wide.

dB Acoustic Sealant is intended for sealing low movement joints and provides effective noise reduction.

dB Acoustic Sealant is not recommended for use with bitumen or asphalt or permanently submerged joints, and should not be used with materials which may bleed oils or solvents.



Installation

Preparation

1. Priming is only required when adhering to very porous surfaces. In these circumstances prime with a PVA adhesive.
2. Surfaces should be clean, sound and free from dirt, grease and other contamination. Wood, plaster and brick may be damp but not wet. Use mechanical abrasion to clean porous surfaces if necessary.
3. Joint width and depth must be at least 3mm. For sealing around door and window frames a width of at least 6mm is recommended. Deep joints should first be filled with an approved material, such as dB Acoustic FR Fill & Fix Foam, which provides an effective backing as well as additional fire resistance.

Application

1. Cut off the end of the thread with a sharp knife, avoiding damage to the thread. Cut nozzle to desired size and angle.
2. Apply to the prepared joint by applying an even pressure to the gun trigger. Ensure good contact to joint surfaces by tooling the joint.
3. Strike off the sealant flush with the surface within 5 minutes of application.
4. During curing shrinkage will occur. If a flush finish is required, fill the joint slightly proud of the surface to allow for shrinkage.
5. The sealant will be tack-free in approximately 60 minutes and fully cured within 10-14 days depending on joint depth, humidity and ambient temperature.

Benefits

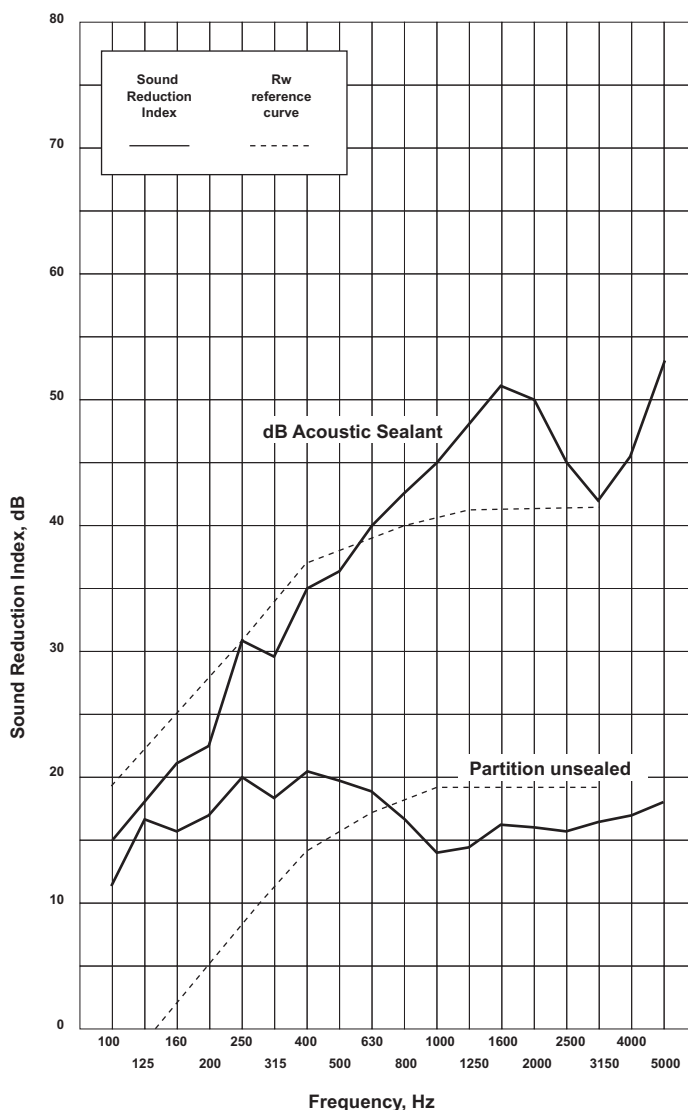
- Tested to BS476 Part 20/22
- Up to 5 hours' fire resistance
- Stops the spread of smoke
- Sound & insulation properties
- Permanently flexible/high grab
- Mould resistant
- Non flammable
- Over-paintable
- Easy clean up

Applications

- Plasterboard walls
- Dry lining and partitions
- Pipe and cable penetrations
- Perimeter pointing around fire door frames and windows
- As an adhesive to bond plasterboard to plasterboard and to bond plasterboard to wood and metal studding and direct to blockwork

Technical Information

Cartridge size	900ml
Type	Water based / acrylic emulsion
Curing system	Evaporative cross linking
Specific gravity	1.6
Solids content	83 minimum
Application temperature	+5°C to + 40°C
Service temperature	-15°C to 70°C
Tooling time	15 mins (approx)
Tack free time	60 mins (approx)
Full cure	10 to 14 days
Fire resistance	>5 hours (20 x 10 join) (BS 476 Part 20/22)
Typical sound reduction values Rw (C; Ctr)	38dB



Storage

Store between +5°C and 25°C in dry conditions and in original packaging. Shelf life is approximately 12 months. Do not allow to freeze.

Health and Safety

Wash material from the skin while still wet.

Material in contact with eyes should be flushed out with clean tepid water. If discomfort persists please seek medical assistance.

In addition to the supply of dB Acoustic Sealant, CMS Acoustic Solutions offers a competitively priced installation service nationwide. For further details contact the CMS Acoustics technical team on **01925 577711**.

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