

CM ACOUSTIC

INTUMESCENT SEALANT

TECHNICAL DATA SHEET

JANUARY 2015

DESCRIPTION

CM ACOUSTIC INTUMESCENT is a one part emulsion acrylic which cures upon exposure to the atmosphere.

CM ACOUSTIC INTUMESCENT has excellent sound level reduction properties tested to BS 476 part 20 and also ISO 11600F class 12.5p to achieve a **55dba sound rating**.

CM ACOUSTIC INTUMESCENT also has a four hour fire resistance tested to BS 476 part 22. During fire conditions CM ACOUSTIC INTUMESCENT expands to form an insulated barrier.

Good adhesion to most common building materials including plaster, concrete, wood, brickwork and anodised aluminium.

TYPICAL USES

INTERNAL

Sealing gaps around window and door frames.

Sealing gaps around skirting boards, plasterboard, staircases, architrave and coving.

Sealing gaps and cracks in plastered walls and ceilings.

Filling cracks in plaster and wood.

CM ACOUSTIC can be easily painted or papered over, making it an ideal as a general decorating and renovating filler.

EXTERNAL

CM ACOUSTIC is a dispersion sealant, which will achieve excellent adhesion to a drying surface e.g. concrete, timber etc. Such surfaces can therefore be sealed when damp, but not wet.

TECHNICAL SPECIFICATION

Composition:	A blend of acrylic polymers and selected fillers
Colour:	White & Grey
Form:	Ready to use paste
Specific gravity:	When full cure of 1.9
Shore A hardness	Approx. 27
Joint movement capability %	+/- 5
Intumescence %	300
Flash point:	None
Tack free time:	15 minutes to 1 hour, dependent upon ambient conditions
Full cure:	Optimum performance achieved within 1 week, dependent upon joint dimensions and ambient conditions
Packaging:	400ml cartridges 25 per box
Application temperature:	+5°C to +40°C
Service Temperature:	-20°C to +70°C
Slump resistance:	Good. May be used in joints up to 20mm wide and 12mm deep
Shelf life:	Approximately 12 months when stored in unopened cartridges under cool dry conditions. Undue exposure to frost can result in deterioration of the emulsion system

Preparation of surfaces and application

Surfaces to which CM ACOUSTIC is to adhere, must be clean and free of any loose material, standing water or contaminants which otherwise may impair the bond. Porous surfaces may be damp but not wet. Non-porous surfaces such as aluminium should be cleaned with a suitable solvent such as Xylene.

External applications should not be considered if rain is imminent. If conditions are suitable for application, ensure joints are properly prepared and apply sealant firmly into the joint using an application gun. Ensure a good solid fill is achieved.

Once applied, the sealant can be tooled to the required finish. A degree of natural shrinkage will occur as a result of drying, so it is advisable to apply the sealant slightly proud of the required level to allow for this. Surrounding surfaces and tools can be cleaned with water.

After 1 hour from application, the sealant can be overpainted.

Storage

Store in dry conditions between +5°C and +35°C and do not allow to freeze.

Health & Safety

Please consult the CM ACOUSTIC Material Safety Data Sheet for further information.

CM ACOUSTIC presents no known health hazards when used as recommended.

As with all chemicals products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth.

If eye contact occurs, flush immediately with water and seek medical attention.

If accidentally ingested, seek medical attention, do not induce vomiting and give copious amounts of water to drink.

Keep out of reach of children and animals.

Reseal containers after use.

Products supplied by CM SEALANTS conform to the chemical and physical properties stated in Technical Data Sheets, if they are within their stated shelf life. Any further information or advice both in writing or verbally is given in good faith to assist customers, but as the conditions of use are beyond our control, no warranty is implied or given.

This information must on no account be used as a substitute for necessary prior tests, which alone can determine the suitability for the intended use and assume all risks and liability from the use of the product. The liability of CM SEALANTS will not exceed the original purchase price of the product.

It is the users responsibility to ensure that they have the latest issue of this document.