

# TECHNICAL DATASHEET

## Fire Rated Acoustic Sealant

### Description & Uses

Cromar Alpha Chem Acoustic Fire Rated Sealant is a high quality, one part, flexible 4 hour fire rated sealant used for sealing linear joints and gaps in walls and floors to maintain the acoustic, air and fire resistant performance of a compartment.

It also has excellent sound reduction properties, offering a reduction of 63dB and fire tested in accordance with EN1366-4 in joints up to 50mm.

### Key Features

- Offers up to 63dB sound reduction
- Tested in accordance with EN1366-4
- Classified in accordance with EN13501-2
- For use in joints up to 50mm
- Easy tooling
- No slump
- Good adhesion to most construction substrates
- No priming required with most construction substrates
- Halogen free
- Paintable when fully cured

### Ideal for

- For sealing connecting, expansion and perimeter joints
- To form an acoustic barrier when sealing joints in plasterboard/flexible walls, ridged floors, metal studwork and blockwork
- For sealing joints to maintain compartmentation within a building, including air permeability and acoustics

### Directions

- Fill any gaps or voids with a suitable backing tape or rod.
- For good adhesive to surfaces, ensure all surfaces are clean, sound, dry and free from dust, grease or other contaminants. Ensure surfaces have not been pre-treated with any primers or coatings.
- Ensure the site conditions are within the application specification.
- Apply sealant cartridge with a sealant gun, or foil with a foil applicator gun, and tool down using a spatula wetted with water to produce a professional finish.
- Tools should be cleaned immediately after use.
- Tack free within 30 minutes, curing 2mm per 24 hours dependent on conditions.
- It is the user's responsibility to dispose of all packaging correctly.



### Storage

Store in cool, dry conditions between +5°C and +25°C, off the floor.

### Shelf Life

18 months when stored in original, unopened packaging.

### Limitations

- It is the user's responsibility to ensure suitability for use.
- **Please read the label before use as this contains essential safety information, full Safety Data Sheet available on request.**

### Technical Data

<b>SG</b>	1.6
<b>Skin Formation Time Approx. (mins)</b>	30
<b>Curing Rate mm / 1 day</b>	2
<b>Application Temperature</b>	+5 to +30°C
<b>Shore A Hardness Approx. (ISO 7619-1)</b>	8.15
<b>Elongation at Break (%)</b>	100
<b>Joint Movement Accommodation (%)</b>	7.5
<b>Operating Temperature</b>	-5 to +40°C
<b>Modulus at 100% Elongation Approx. (MPa)</b>	0.98

### Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail [info@cromar.uk.com](mailto:info@cromar.uk.com).

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