

**EVERFLEX AC50 ACOUSTIC SEALANT AND ADHESIVE**

Colour	Product Code	Pack Size	Box Qty
White	AC50C4	C4	12
	AC50900	900ml	9

**Product Description**

EVERFLEX AC50 ACOUSTIC SEALANT AND ADHESIVE is a high strength, permanently flexible acoustic sealant and adhesive specifically formulated for sealing and bonding plasterboard and other kraft lined insulation boards to common substrates.

**Benefits**

- Permanently flexible/high grab
- Adheres to most surfaces.
- Mould resistant.
- Non flammable
- Overpaintable.
- Easy clean up

**Areas For Use**

- To form an acoustic barrier by sealing gaps between plasterboard walls, floors and ceilings and in dry lining applications.
- As an adhesive to bond plasterboard to plasterboard, wood and metal studding and direct to blockwork.
- For sealing and bonding most other Kraft lined insulation boards.

**Limitations**

- Damp or humid conditions will significantly extend the cure time.
- Do not attempt to abrade when cured.
- Do not overpaint until product has fully cured. This will normally be 24 hours but may be 4-5 days in damp, cold or humid conditions.
- Do not apply below 5°C
- For overhead boarding applications, always use in conjunction with mechanical fixings.

**Surface Preparation**

All surfaces must be clean and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Highly porous substrates such as new plaster should first be primed with Everbuild PVA bond diluted 1:4 with water. Surfaces may be slightly damp, but not wet. NOTE: THIS WILL SLOW THE CURE.

### Application

**900ml size:** Fit cartridge into a 1ltr mastic gun. Cut nozzle to required length and puncture inner membrane seal before applying.

**C4 Packs:** Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45°.

**Use as a sealant:** Always cut nozzle to a size slightly larger than the gap to be sealed.. Apply to gap, slightly overfilling and finish smooth with a caulking tool or filler knife. Clean up any excess with a damp cloth within 30 minutes of application.

**Use as an adhesive for direct bonding to large surfaces:** Cut nozzle to provide a bead of approximately 9-10mm diameter and apply a continuous bead to one surface at 250-350mm centers. Apply board immediately to surface and tamp down. Provide temporary support until cured.

**Use as an adhesive for bonding to studding:** Apply a continuous bead to studding and apply board immediately into position. Do not apply more than one boards width of studding at one time. Provide temporary support until cured.

### Specific Data

<b>Form</b>	Ready to use thixotropic paste	
<b>Specific Gravity</b>	1.6 - 1.7	
<b>Elongation at Break (%)</b>	100-200%	
<b>Hardness (Shore A)</b>	Approximately 40	
<b>Tack Free Time</b>	15 to 60 mins, dependent on thickness, ambient temperature and humidity	
<b>Full Cure</b>	1 to 5 days, dependent on thickness, ambient temperature and humidity	
<b>Solids Content</b>	82%	
<b>Slump Resistance</b>	No slump at 25°C when placed in a 20mm x 10mm vertical channel	
<b>Application Temp. Range</b>	+5°C to +40°C	
<b>Service Temp. Range</b>	-15°C to +70°C	
<b>Chemical Resistance</b>	Dilute Acids - Fair	Dilute Alkaline - Fair
	Aliphatic Hydrocarbons - Fair	AromaticHydrocarbons - Poor
<b>Movement Accommodation</b>	Low to medium (+/- 7.5%)	
<b>Durability</b>	Up to 15 years when used as recommended	
<b>Compatibility</b>	Can be used in contact with most building and decorating materials but Should not be used against bituminous materials.	

### Health & Safety

Consult MSDS for full list of hazards

### Storage

Store in cool dry conditions and protect from frost.

### Shelf Life

9 months from date of manufacture when stored in unopened cartridges under cool dry conditions. **AVOID FROST.**

*The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.*