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

Form	Ready to use thixotropic paste
Specific Gravity	1.6 - 1.7
Elongation at Break (%)	100-200%
Hardness (Shore A)	Approximately 40
Tack Free Time	15 to 60 mins, dependent on thickness, ambient temperature and humidity
Full Cure	1 to 5 days, dependent on thickness, ambient temperature and humidity
Solids Content	82%
Slump Resistance	No slump at 25°C when placed in a 20mm x 10mm vertical channel
Application Temp. Range	+5°C to +40°C
Service Temp. Range	-15°C to +70°C
Chemical Resistance	Dilute Acids - Fair Dilute Alkaline - Fair
	Aliphatic Hydrocarbons - Fair AromaticHydrocarbons - Poor
Movement Accommodation	Low to medium (+/- 7.5%)
Durability	Up to 15 years when used as recommended
Compatibility	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.**

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