PRODUCT DATA SHEET

EVERBUILD® EVERFLEX® AC95

A HIGH STRENGTH INTUMESCENT ACOUSTIC SEALANT AND ADHESIVE

PRODUCT DESCRIPTION

EVERBUILD® EVERFLEX® AC95 is a high strength, permanently flexible intumescent acoustic sealant and adhesive specifically formulated for sealing and bonding plasterboard and other Kraft lined insulation boards, where a fire rated seal of up to 4 hours is required. Water based, solvent free formula, easy to use and clean up and adheres to just about all building substrates. Non-flammable.

USES

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

CHARACTERISTICS / ADVANTAGES

- Forms a fire rated acoustic barrier – up to 4 hour fire rating
- Permanently flexible/high grab.
- Adheres to most surfaces.
- Mould resistant.
- Non flammable.
- Easy clean up.

Slump Resistance	No slump at 25 °C when placed in a 20 mm x 10mm vertical channel.
Application Temp Range	+5 °C to +40 °C
Compatibility	Can be used in contact with most building and decorating materials but should not be used against bituminous materials.

APPROVALS / STANDARDS

- Tested to EN1366-4:2006, Independently tested by Warrington Fire Research, Report Number 414846.
- Acoustic rated to ISO 140-3.
- Tested for air permeability to EN13141-1 Ventilation for buildings. Performance testing of components/products for residential ventilation.
- Tested to EN13963, Type 4a

PRODUCT INFORMATION

Chemical Base	Ready to use thixotropic paste.
Packaging	900 mL cardboard cartridge
Colour	White
Shelf Life	12 months from date of manufacture.
Storage Conditions	Store in cool dry conditions and protect from frost.
Density	1.6-1.65 g/cm³
Solid Content	ca. 80 %.

TECHNICAL INFORMATION

Shore A Hardness	Approximately 40.	
Movement Capability	Low (+/- 5 %)	
Chemical Resistance	Dilute Acids - Fair Aliphatic Hydrocarbons - Fair	Dilute Alkaline - Fair Aromatic Hydrocarbons - Poor
Service Temperature	-15 °C to +70 °C	

APPLICATION INFORMATION

Curing Time	1 to 5 days, dependent on thickness, ambient temperature and humidity.
Tack Free Time	15 to 60 mins, dependent on thickness, ambient temperature and humidity.

APPLICATION INSTRUCTIONS

SUBSTRATE 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 501 PVA Bond diluted 1:4 with water. Surfaces may be slightly damp, but not wet. NOTE: THIS WILL SLOW THE CURE.

APPLICATION METHOD / TOOLS

Fit cartridge into a 1 L mastic gun. Cut nozzle to required length and puncture inner membrane seal before applying.
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 9-10 mm diameter, pierce inner membrane and apply a continuous bead to one surface at 250-350 mm centres. 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 board's width of studding at one time. Provide temporary support until cured.

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.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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