

PRODUCT DATA SHEET

SikaSeal® Plasterboard Adhesive & Sealant

Sealing and bonding of plasterboard and insulation boards for walls, ceilings, and dry lining.

PRODUCT DESCRIPTION

SikaSeal® Plasterboard Adhesive & Sealant is a fire-resistant acrylic sealant and adhesive designed for partition walls. **SikaSeal® Plasterboard Adhesive & Sealant** is tested according to EN 1366-4 and achieves up to 4 hours of fire resistance in designated configurations; it also delivers strong acoustic performance for sound reduction, as demonstrated by ISO 140-3 testing, and meets air-permeability requirements under EN 13141-1. Conforms to EN13963 as a plasterboard adhesive.

USES

- Sealing and filling gaps in fire-rated partition walls.
- Bonding plaster and insulation boards.
- Sealing around door frames.
- Sound deadening around plasterboard panels and joints.
- Sealing low movement construction joints.

PRODUCT INFORMATION

Chemical Base	Water based acrylic sealant and adhesive
Packaging	600 mL foil and 380 mL cartridges
Colour	White
Shelf Life	12 months from date of manufacture
Storage Conditions	Store in between +5 and +25 °C. Protect from frost.
Density	1.60 to 1.65 g/cm ³
pH-Value	8.0 to 9.5
Shore A Hardness	Approx. 40

CHARACTERISTICS / ADVANTAGES

- Water based for easy clean up.
- Fire-rated performance.
- Adhesive for plasterboard.
- Sealant for fire-rated plasterboard.

APPROVALS / STANDARDS

- Fire test under EN 1366-4 delivering up to 4 hours.
- Acoustic performance under ISO 140-3.
- Adhesion for plasterboards under EN 13963 type 4a.
- Air permeability under EN 13141-1.
- Reaction to fire under EN 13501-1.

Flexural Strength	2.5 N (EN 13963)
Movement Capability	Low ($\pm 5\%$)
Reaction to Fire	Class E (EN 13501-1)
Service Temperature	-15 °C to +70 °C
Acoustic performance	23 dB (ISO 140-3)
Yield	13 linear metres for 380 mL cartridge and 21 linear metres for 600 mL foil at 6 mm bead
Sag Flow	0 mm (ISO 7390)
Ambient Air Temperature	+5 °C to +40 °C
Substrate Temperature	+5 °C to +40 °C
Curing Time	1 to 5 days dependent on thickness, ambient temperature and humidity
Tack Free Time	15 to 60 minutes dependent on temperature and humidity

VALUE BASE

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

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.
- Known to have compatibility problems with some cPVC piping.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

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

APPLICATION

Fit cartridge into mastic gun. Cut the cartridge taking

care not to damage the thread. Apply the nozzle and cut nozzle to required length.

For foil, cut one end of the foil, place in foil gun. Fit nozzle and cut to required size.

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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