Construction

SikaBond® FoamFix

Fast cure foam adhesive for insulation board and plasterboards

Product Description	SikaBond® FoamFix is a gun applied, fast cure and low expansion PUR-foam adhesive for fixing insulation boards and plasterboards to various substrates.
Uses	SikaBond® FoamFix is quick and easy to use and compatible with plasterboards and the following insulation boards: ■ Extruded polystyrene boards (XPS) ■ Expanded polystyrene board (EPS) ■ Wood fibre boards ■ Cork insulation boards ■ Bituminous felt faced PUR/PIR boards
Characteristics / Advantages	■ One can is sufficient for a surface area of approximately 13m^2 ■ Good adhesion to concrete, bituminous substrates, wood, brickwork, plaster, metal, PVC, CFC sheet and gyprock ■ Fast curing ■ Good adhesive tensile strength ■ Useable for indoor and outdoor applications ■ Suitable for vertical and horizontal applications ■ B2 fire rated ■ HFC-free

Product Data

Form

Colour	Light yellow
Packaging	750 ml can (12 cans per box)

Storage

Storage Conditions / Shelf Life	9 months from date of production if stored correctly in undamaged and unopened, original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +15°C and +23°C. The aerosol cans must only be stored in a vertical position!

Technical Data

Chemical Base	1-part Polyurethane moisture curing
Density	18 ± 3 kg/m^3
Tack-free Time	7 ± 2 minutes (+23°C / 50% r.h)
Cutting Time	16 ± 4 min (+23°C / 50% r.h.)
Yield	48 ± 3 Litre
Fire Rating	B2
Service Temperature	-40°C to +80°C

Mechanical / Physical Properties

Tensile Strength	> 7 N/cm^2
Shear strength	> 4 N/cm^2

System Information

Application Details

Consumption	Consumption can be regulated by adjusting the pressure valve of the SikaBoom® Dispenser gun. *Yield:* 750 ml can 48 litres of cured foam (±3 l)
Substrate Quality	Clean and dry, free from dust and loose or friable particles.

Application Conditions / Limitations

Substrate Temperature	+5°C up to +30°C
Ambient Temperature	+5°C min. / +30°C max.
Substrate Moisture Content	Has to be dry for visual control / Do not pre-wet or pre-dampen
Relative Air Humidity	30% and 95%

Application Instructions

Application Method / Tools	Application and substrate temperature +5ºC to +30ºC. Surface must be dry, firm, clean, free of dust and grease. Shake can well for about 20 seconds before using SikaBond® FoamFix and repeat shaking after long interruptions. Screw nozzle onto can, being careful not to activate trigger before nozzle is firmly in place. Spray at least 3 beads onto the insulation board or directly onto the substrate. The amount of foam can be regulated with Sika Boom® Dispenser through the trigger. Keep the can upright during spraying. After applying SikaBond® FoamFix onto the board or substrate, wait for about 4-6 minutes before you press the insulation board against the substrate (the foam needs some time to react). Curing time of the rapid fixing foam depends on temperature and humidity conditions. Therefore it is recommended to test the specific curing time before the final application. If necessary fill the gaps between edges of panels using SikaBond® FoamFix. Once cured excess foam can be cut away with a knife or ground away with a rasp.

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Cleaning of Tools	The PU spray nozzle must be cleaned with Sika Boom®-Cleaner or acetone right after use. Cured foam can only be removed mechanically.
Notes on Application / Limitations	- The aerosol temperature has to be +10°C min. and +30°C max. For optimum flow and expansion the aerosol can temperature should be approx +20°C. - Protect the can from sun and temperatures above +50°C (danger of explosion) - Do not use on PE, PP, Teflon, Silicone or any other separating agents - The foam is not resistant to UV light exposure - Read the safety and technical recommendations printed on the aerosol can.
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.
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.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Important Notification	The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

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