



P605 AIRSEAL FLEXFOAM

FLEXIBLE HIGH INSULATING POLYURETHANE GUN FOAM

TECHNICAL SHEET

Last modified 26/09/2024



KEY FEATURES

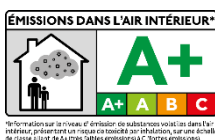
- Extreme low air loss, most air tight foam available on the market and tested up to 1050 Pa
- Fast and easy application with a foam gun
- High sound insulation
- High yield
- Flexible formulation, applicable in joints with high movement
- Excellent adhesion properties
- Perfect fit with the Bostik Airseal window tapes

DESCRIPTION

BOSTIK P605 AIRSEAL FLEX FOAM is a professional flexible 1-component gun foam based on polyurethane. The permanent flexibility creates a sustainable and highly insulating (airtight) seal. BOSTIK P605 AIRSEAL FLEX FOAM is tested according to EN1026 for air loss at 1050Pa. BOSTIK P605 AIRSEAL FLEX FOAM has excellent adhesion, durable sealing function with high insulation values.

CERTIFICATIONS

- Sound insulation



AREAS OF APPLICATION

BOSTIK P605 AIRSEAL FLEX FOAM is specifically developed for creating airtight and thermally insulated joints around window frames. Also suitable in construction, partition walls, ceiling and floor joints, surface penetration of pipes and tubes through walls and floors. Ideal for use in Passive Housing and energy neutral buildings.

TECHNICAL CHARACTERISTICS

Base	Polyurethane
Application temperature	-5°C tot +35°C
Fire behaviour	B3
Density	20-25 kg/m ³
Closed cells	+/- 70%
Tack free time	6-10 minutes (EN 17333-3)
Total foam yield	750 ml = 30-35 liter (EN 17333-1)
Temperature resistance	-40°C to +90°C
Thermal conductivity	30-35 mW/m.K
Curing time	80-100 minutes
Cutting time	20-40 minutes (EN 17333-3)
Movement Capability	25%
Joint sound insulation	63 dB
Air tightness	a ≤ 0,001 dm ³ /m.s. @ 1050 Pa (EN 1026)
Permeability test	Up to 1050 Pa
Water absorption wp	0,15kg/m ²
Water vapour diffusion resistance factor	36μ
Water vapour diffusion sd	1,3m
Dimensional stability	-5% < DS < 0%
Packaging	Can 750 ml
Colour	White
Packed per	box of 12 cans

SHELF LIFE

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 12 months from production date. Store the canisters in an upright position.

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for permanent water load. Not suitable for use (e.g. filling) in cavities with insufficient moisture.

SURFACE PREPARATIONS AND FINISHING

Substrates must be clean and free of ice, dust, oil and grease. It is important to moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.

DIRECTION OF USE

Canister temperature: +5°C to +30°C (recommended +15°C to +25°C). Application temperature (applies to environment and substrates): -15°C to +35°C (recommended +15°C to +25°C). Hold the canister with the valve turned upwards and affix an applicator gun with NBS-thread to the canister. See instructions in the gun box. Shake the canister vigorously prior to use at least 20 times. Turn canister upside down and apply the foam. To regulate the flow of the foam, loosen the valve at the back of the handle. Fill the cavity for 70%, in case of low humidity, lightly spray the foam with water. The foam will expand to fill the rest. When fixing window frames, use spacers and wedges to hold the frame in place for approximately 24 hours until the foam is fully cured. Protect eyes, wear gloves and protective gear. Floor covering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4 cm should be filled in multiple layers. Wait 15-30 minutes between applications. Before each application lightly spray with water. Only use in well-ventilated areas. Store canister upright between +5°C and +25°C. Protect from sunlight and do not expose to temperatures exceeding +50°C. Do not pierce or burn, even after use. Contains flammable propellants. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. No smoking during application.

CLEANING

Fresh foam can be removed immediately with universal PU cleaner. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

PAINTABILITY

BOSTIK P605 AIRSEAL FLEX FOAM can be painted or covered with sealant/plaster when fully cured.

HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. Please consult the safety data sheet on:

<https://bostikds.thewerco.com/>

The application recommendations are defined by standards of use. They are imperative to respect them, but they don't need a previous try, especially for a first use or particular inconvenient of support, site or environment. Consult our safety data sheets for precautions to use.

DISCLAIMER

Bostik offers this Technical Data Sheet ("TDS") for descriptive and informational use only. It is not a warranty, a contract or a substitute for expert or professional advice. Please also see the local product Safety Data Sheet for health and safety considerations.

The statements, technical information, data, and recommendations contained in this TDS are provided 'AS IS' and are not warranted or guaranteed in any way. They represent typical results for the products and are based on Bostik's research only. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability and damages of whatever kind or nature that may arise from any use of the products, the results therefrom, or reliance on the information contain herein.

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