

HERMETIC FOAM

High performing soundproofing foam

Closed cell polyurethane

compliant
EN 1027

compliant
EN 1026

compliant
EN 12207



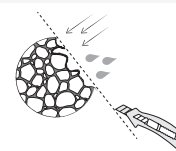
CERTIFIED SOUNDPROOFING

Soundproofing up to 60 dB, certified by the IFT Rosenheim Institute



HERMETIC

Watertight and airtight even if trimmed after drying, thanks to the closed cell structure.



WITHOUT SOLVENTS

Suitable for indoor applications: it does not give off isocyanates and has a low VOC content (19.4%)

ELASTIC

Thanks to its composition it remains elastic and deformable over time, compensating the movements of the wood and differential deformation of the building materials

CODES AND DIMENSIONS

code	content [mm]	yield [l]	cartridge	pcs/ 
D69202	750	38	aluminium	12

code	description	pcs/ 
FLYFOAM	foam gun	1

TECHNICAL SPECIFICATIONS

PROPERTY	STANDARD	UNIT OF MEASURE	VALUE
Flammability class	DIN 4102	class	B3
Acoustic insulation of the connections rated R ST,w	directive ift SC-01	dB	10 mm: 60 (-1;-4)
	—	dB	20 mm: 60 (-1;-3)
Airtight	Ö Norm EN 1027	Pa	1000
	Ö Norm EN 12114	Pa	1000
Cartridge processing temperature	—	°C	+10/+30
Room temperature	—	°C	-10
Time for creating a film	—	minutes	5/10
Workable	—	minutes	15/20
Stressable after	—	hours	2
Structural stability	DIN 53431	%	+/-5
Constant processing maximum temperature	—	°C	-40/80
Temporary processing maximum temperature	—	°C	120
Specific weight according to the skz method	—	kg/m³	15/20
Elasticity up to failure	DIN 53571	%	approx. 25
Vapour transmission property	DIN 53429	g/m²/24h	50/60
Thermal conductivity	DIN 56612	W/h	0.035
Expiry (at 20°C)	—	months	12

EXAMPLE OF FOAM YIELD CALCULATION

Starting from a 1x1 cm crack, we obtain a surface of 0.0001 m². One cartridge is equivalent to 0.038 m³ (38 l) therefore, it allows filling a 380 m long crack. These values are guaranteed by a correct use of the product, following the application instructions below.

APPLICATIONS AND APPLICATION TIPS

The HERMETIC FOAM is suitable to fill and insulate the joints of perimeter construction elements subject to high thermal expansions such as window and door frames, solid wood beams in perimeter walls and wherever there is an air gap between two construction materials.

10 TIPS FOR FOAMING CORRECTLY

1. Shake the can at least 15-20 times before use.
2. The surfaces must be load-bearing, clean and free of dust, dirt or solvents.
3. Both the substrate and the foam surface must be moistened, we recommend using 1 dl of water per can.
4. If sufficiently humidified, the foam expands 3-4 times its volume.
5. The ideal temperature of use is approx. 20°C. In case of excessively high or low temperatures, cool or heat the cans with water.
6. We advise against using the foam at a temperature below 5-7°C (the product may not adhere to the surface).
7. Any foam residues must be immediately removed before the foam hardens.
8. To avoid damaging the connection thread of the can, place it on a flat surface and slowly tighten the gun. Can and gun must not be relieved of pressure, so it is important not to leave empty cans tightened on the gun.
9. If there is hardened foam in the gun, it is unusable. If not used for long periods, clean the gun thoroughly with specific detergent.
10. Store the product properly, following the instructions on the package or on the can.