

Weichzellschaum

PRODUCT DESCRIPTION:

1-component polyurethane foam in aerosol can for use with mounting pistol. CFC-free, FC-free, HFC-free. System reacting with moisture.

PRODUCT FEATURES:

- **High elasticity**
- **Tested sound insulation** (Seam soundproofing = 60 dB tested by ift-Rosenheim)
- **High stretch- and compression rate**
- **Fast curing**
- **Resistant to ageing** - but not against UV radiation
- **Efficient work** due to the dosage with the mounting pistol.
- **Very good adhesion on:** brickwork, concrete and wood, on insulation materials, metals and many plastics.
- **Hermetic and watertight under heavy rain in the construction phase**

AREAS OF APPLICATION:

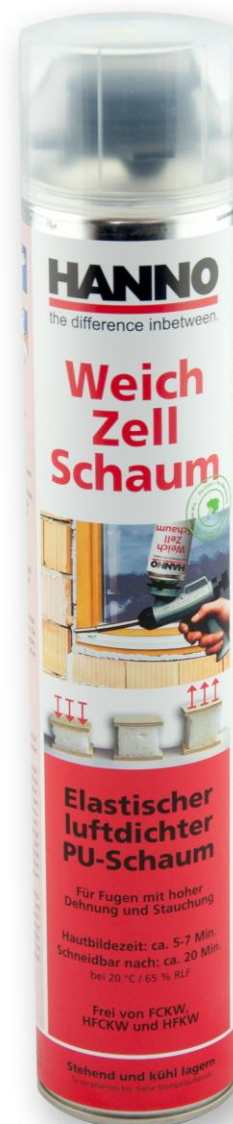
Weichzellschaum is suitable for foaming connection joints of windows, for insulation of interior roof extensions and for foaming cavities. Weichzellschaum is more elastic than conventional PU-foams and has an excellent resilience.

FORM OF DELIVERY:

	Contents	Pieces / box
Can	750ml	12

STORAGE:

Storage vertically and cool, otherwise the valve could bond.



INSTRUCTIONS BEFORE USE:

The surfaces must be clean, dry and suitable for adhesion. Dust, grease, oil and loose parts must be removed. If the substrate is gypseous, a primer should be used, before application of the foam. The substrates, that are to be foamed, should be moist, but not wet. Dry joints have to be moistened before foaming! Shake the can before using. After foaming, the foam should be sprayed with water one more time to expedite the reaction and guarantee optimal curing. Metals need a protective coating to avoid corrosion. Substrates, which contain tar and bitumen, are not suitable as adhesive surfaces. No adhesion also on silicone, PE (polyethylene), PP (polypropylene) and other parting agents.

Parts, that can be easily deformed, have to be held up adequately, until the foam is completely cured. The ambience temperatures of the surfaces, that are being foamed, have to be over 0°C during the whole curing time.

SERVICE:

Our application engineers are available on demand.

JOINT GAUGES:

The gap widths have to be between 5mm and 30mm. If the gaps are larger than 30mm you have to eventually foam in more layers.

SAFETY INSTRUCTIONS:

Use only in rooms with enough ventilation. Keep out of reach of children. Do not breathe in the Aerosol. Protect eyes and skin. Use gloves while using, because the fresh foam is very sticky and can only be removed mechanically after curing. Wear protective goggles/ face protection.

For further safety and handling instructions please see our safety datasheet and product label.

DISPOSAL:

See safety-datasheet and product label.

TECHNICAL DATA:

Characteristics	Norm	Value
Fire classification	DIN 4102	B3
Seam soundproofing $R_{ST,w}$	ift guideline SC-01	10mm: 60 (-1;-4) dB 20mm: 60 (-1;-3) dB
Processing temperature for the can		+10°C - +30°C
Processing temperature for the ambience		+5°C - +35°C
Yield		38 Liter / 750ml can
Skin formation (20°C/65% RLF)		5 - 10 minutes
Fully cured at string-thickness of 2cm after		15 - 20 minutes
Form stability	DIN 53431	+/- 5%
Temperature resistance		-40°C - +80°C on short time +120°C
Density SKZ-Method		15 - 20kg/m ³
Breaking elongation	DIN 53571	ca. 25%
Water vapour permeability	DIN 53429	50 - 60g/m ² /day
Heat conductivity	DIN 56612	0,035W/mK
Shelf life (dry) (higher temperatures abbreviate the shelf life)		up to 20°C = 12 months

ADDITIONAL INFORMATION:

This data sheet provides non-binding information without the assumption of a guarantee. The stipulated processing instructions are to be adapted to the given conditions. The user is obligated to follow the existing laws and terms, to validate the suitability and application of the product by testing it himself, so as to avoid failures for which we assume no liability.

TEST CERTIFICATES:

Testing standard	ÖNORM EN 1026; ÖNORM EN 12207
Classification Air permeability of the sealing system ($\leq 600\text{Pa}$)	Air permeability of a connection joint no air permeability
Testing institute	TU Graz Institut für Hochbau und Bauphysik
Test report	B11.173.006.100
Int. PZ-Nr.	PU62