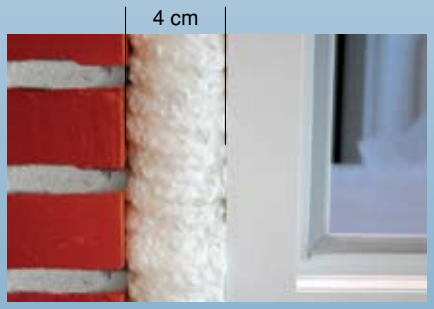
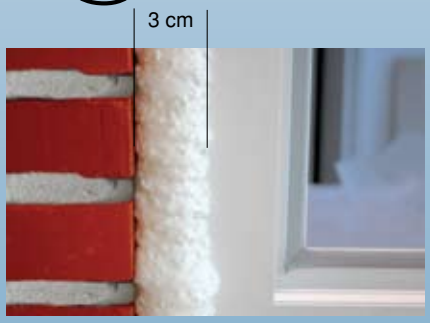
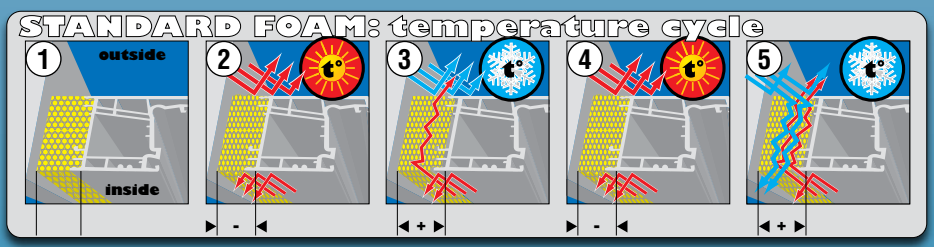
FLEXI FOAM

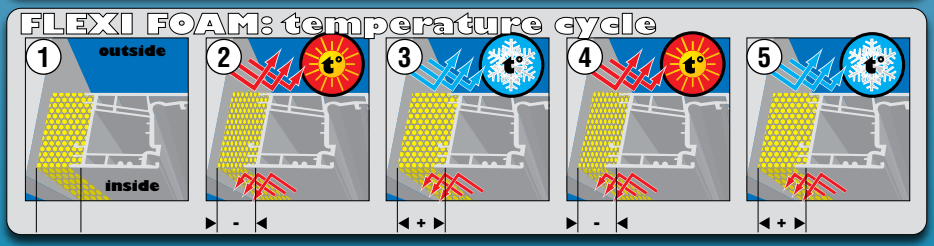
THE NEW GENERATION PU-FOAM





- EXCELLENT CELL STRUCTURE
- ELASTIC RECOVERY
- FLEXIBLE: FOLLOWS JOINT MOVEMENTS UP TO 50%
- B2; LOW EXPANSION
- RST, W=60(-1,-4)dB: EXCELLENT SOUND INSULATION
- DURABLE ACOUSTIC AND THERMAL INSULATION
- BREATHABLE
- CLICK & FIX OR NORMAL GUN





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FLEXIFOAM

THE NEW GENERATION PU-FOAM

Technical data

Base	Polyurethane	Elongation at break	(DIN 18540) Ca. 45%
Consistency	Stable foam, thixotropic	Maximum force at break	(DIN 18540) 5.5 N/cm²
Curing system	Moisture cure	Waterabsorption	1% volume
Skin formation (20°C/65% R.H.)	About 6 minutes	Heat insulation (DIN 52612)	34.5 milliwatt/meter.Kelvin
Drying time (20°C/65% R.H.)	Touch dry after 20-25 min.	Pressure strength (DIN 53421)	About 0.5 N/cm²
Curing rate (20°C/65% R.H.)	1/2h for a 30mm bead	Shear strength (DIN 53427)	About 3 N/cm²
Character of foam	Thixotropic, does not slump	Elastic recovery(ISO 1856)	
Foam yield	1000 ml yields 25 l cured foam	compressed for 50%, for 22h (23°C/50%RV)	95%
Shrinkage	None	Elongation at break (DIN 18540)	About 45%
Postexpansion	None	Vapour penetration (DIN EN ISO 12572)	μ= 20
Cellular structure	Fine cells	Air penetration	a<0,1m³/[h.m.(daPa)2/3]
Specific gravity	About 25 kg/m3 (extruded, fully cured)	Acoustic insulation (EN ISO 717-1)	RST,w (C;Ctr) = 60 (-1;-4) dB (10 + 20 mm joint width)
Temperature resistance	-40°C to +90°C when cured		
Colour	Champagne		
Fire class (DIN 4102 part 2)	B2		

PRODUCT:
Flexifoam gun is a one-component, selfexpanding, ready to use polyurethane foam. It is fitted with a plastic adapter for use with a foam applicator gun. It contains CFC-free propellants, which are completely harmless to the ozone layer. The product has a minimal expansion after application (less than 50%) and is therefore very economical to use.

CHARACTERISTICS:
- Excellent adhesion on most substrates (except Teflon, PE and PP)
- High thermal and acoustic insulation
- Very good filling capacities
- Excellent stability (no shrink or postexpansion)
- Very precise gun application
- Low expansion

APPLICATION AREAS:
Possible application areas:
- Sealing of window- and doorframes (especially PVCu and Alu)
- Filling of cavities
- Sealing of all openings in roof constructions
- Creation of a soundproof screen
- Connecting of insulation materials and roof constructions
- Application of a soundproofing layer on motors
- Improving thermal isulation in cooling/heating systems
- Good applicability in expanding joints.

PACKAGING:
Aerosol can 750 ml (net)

SHELF LIFE:
- 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.
- Always store can upright

APPLICATION:
Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. Moisten surfaces with a water sprayer prior to application. Fill holes and cavities for 65 %, as the foam will expand. Repeat shaking regularly during application. If you have to work in layers repeat moistening after each layer. Fresh foam can be removed using Soudal Foamcleaner or acetone. Cured foam can only be removed mechanically or with Soudal PU-remover.
Working temperature 5°C to 35°C. (20°C-25°C recommended)

HEALTH AND SAFETY RECOMMENDATIONS:
- Apply the usual industrial hygiene.
- Wear gloves and safety goggles and suitable protective clothing.
- Never burn away PU-foam
- Consult the label for more information.

REMARKS:
- Work in layers and repeat moistening after each layer
- Cured PU foam must be protected from UV- radiation by painting or applying a top layer of sealant (silicone, MS Polymer, acrylic and PU-sealant)
- Respect the cleaning and storage instructions enclosed in the Foam Gun box.

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