SOUDAL

Technical Data Sheet

Soudafoam Gap Filler

Technical data

Basis	Polyurethane
Consistency	Stable foam, thixotropic
Curing system	Moisture curing
Skin Formation (EN 17333-3)	18 min
Cutting Time (EN 17333-3)	55 min
Free foamed density (EN 17333-1)	Ca. 38 kg/m³
Box Yield (EN 17333-1)	500 ml yields ca. 22 l of foam 750 ml yields ca. 30 l of foam
Joint Yield (EN 17333-1)	500 ml yields ca. 11 m of foam 750 ml yields ca. 17 m of foam
Shrinkage after curing (EN 17333-2)	< 2 %
Expansion after curing (EN 17333-2)	< 1 %
Compressive strength (EN 17333-4)	Ca. 22 kPa
Shear strength (EN 17333-4)	Ca. 28 kPa
Tensile Strength (EN 17333-4)	Ca. 70 kPa
Temperature resistance**	-40 °C till +90 °C (cured)

** This information relates to fully cured product.

Product description
Soudafoam Gap Filler is a one-component, self-expanding, ready to use PU-foam, which contains HCFC- and CFC-free propellants who are not harmful for the ozonlayer.

Properties
- Excellent stability (no shrinkage or post-expansion)
- High filling capacity
- Good adhesion on all surfaces (except PE, PP and PTFE).
- High insulation value, thermal and acoustic
- Very good bonding properties.
- Freon free (not harmless to ozone layer and greenhouse effect)
- Not UV-resistant

Applications
- Filling of cavities.
- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle
- Improving thermal isolation in cooling systems.
- All foam applications in static and not static joints.
- Insulating around pipes and electrical wiring.

Packaging
Colour: champagne
Packaging: 500 ml and 750 ml aerosol (net)

Shelf life
18 months unopened and stored in dry and cool conditions (Between 5 and 25 °C), Upright storage is recommended.

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Application method
Shake the aerosol can for at least 20 seconds. Put the adapter on the valve. Moisten surfaces with a water sprayer prior to application. For non-conventional substrates a preliminary adhesion test is recommended. Remove pressure from the applicator to stop. Fill holes and cavities for 1/3, 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 Gun & Foamcleaner or acetone. Prior to using the Gun & Foamcleaner, test whether surfaces are affected or not. Especially plastics and lacquer or paint layers can be sensitive to this. Cured foam can only be removed mechanically or with Soudal PU-Remover.

Can temperature: +5 °C - 30 °C
Ambient temperature: +5 °C - 30 °C.
Surface temperature: +5 °C - 35 °C

Health- and Safety Recommendations
Take the usual labour hygiene into account. Always wear gloves and goggles. Remove cured foam mechanically. Never burn away. Consult label and material safety data sheet for more information. When vaporizing (for example with a compressor), additional security measures will be required. Use only in well ventilated areas.

Remarks

- Moisten surfaces with a water sprayer prior to application. If you have to work in layers repeat moistening after each layer. For not common surfaces we recommend an adhesion test.