Technical Data Sheet

GEN 750

Revision: 01/09/2018

Technical data:

Basis	Polyurethane
Consistancy	Stable foam, thixotopic
Curing system	Moisture curing
Skin Formation (FEICA TM 1014)	8 - 10 min
Cutting Time (FEICA TM 1005)	25 - 35 min
Density	Ca. 25 kg/m³
Sound insulation (EN ISO 717-1)	50 - 60 dB
Insulation factor (DIN52612)	35 mW/m.K
Curing time	95 min for a 30 mm bead
Joint Yield (FEICA TM 1002)	750 ml yields ca. 21 m of foam
Shrinkage (FEICA TM 1004)	< 2 %
Post-expansion (FEICA TM 1004)	< 2 %
Cellular Structure	Ca. 70 % closed cells
Fire rating (DIN4102)	B3
Insulation factor (DIN52612)	35 mW/m.K
Compressive strength (FEICA TM 1011)	Ca. 2,0 N/cm²
Shear strength (FEICA TM 1012)	Ca. 5,0 N/cm²
Water absorption	1 % volume
Temperature resistance	-40 °C till +90 °C (cured)

Soudal NV uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: http://www.feica.com/our-industry/pu-foam-technology-ocf . FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

Product:
GEN 750 is one-component, self-expanding, ready to use polyurethane foam.

Characteristics:
- High thermal and acoustical insulation
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)
- Excellent adhesion on most substrates (except Teflon, PE and PP)
- Very good filling capacities

Application examples:
- Gap filling applications
- Cavities filling
- Sealing of all openings in roof constructions
- Creation of a soundproof screen
- Improving thermal insulation in cooling systems
- Application of a soundproofing layer on motors
- Connecting of insulation materials and roof constructions

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GEN 750

Packaging:
Aerosol can 750 gms

Shelf life and storage:
- 12 months from date of manufacturing in unopened packaging stored in a cool and dry place at recommended temperatures between +5°C and +25°.
- Always store can with the valve pointed upwards

Application:
Shake the aerosol can for at least 20 seconds. Put the adapter on the valve. Moisten surfaces with a water sprayer prior to application. Remove pressure from the applicator to stop. Fill holes and cavities for 50 %, 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. Working temperature 5°C to 40°C. (20°C-25°C recommended)

Health and safety recommendation:
- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away
- Consult the label for more information.

Remarks:
- Cured PU foam must be protected from UV-radiation by painting or applying a top layer of sealant (silicone, MS Polymer, PU and acrylic)

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