Soudafoam FR

Technical data

Basis	Polyurethane
Consistancy	Stable foam, thixotopic
Curing system	Moisture curing
Skin Formation (FEICA TM 1014)	8 min
Cutting Time (FEICA TM 1005)	90 min
Density	Ca. 25 kg/m³
Sound insulation (EN ISO 717-1)	62 dB
Box Yield (FEICA TM 1003)	750 ml yields ca. 30 l of foam
Joint Yield (FEICA TM 1002)	750 ml yields ca. 21 m of foam
Shrinkage (FEICA TM 1004)	< 5 %
Post-expansion (FEICA TM 1004)	< 5 %
Cellular Structure	Ca. 70 % closed cells
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 description
Soudafoam FR is a one-component, self-expanding, ready to use PU-foam, which contains propellants who are not harmfull for the ozonlayer. Soudafoam FR is a PU-foam with fire retardant characteristics according to the European standard EN 1366-4.

Properties
- Sealant for preventing the passage of smoke and gas.
- Fire resistant in a joint (EN 1366-4)
- High filling capacity
- Good adhesion on all surfaces (except PE, PP and PTFE).
- High insulation value, thermal and acoustic
- Very good bonding properties.

Applications
- Fire and smoke retardant sealant between walls, floors and ceilings.
- Installation of fireproof doors and windows.
- As part of the 'Soudal Fire Range' assortment for penetration seals and joints.
- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle
- All foam applications in static joints.
-

Packaging
Colour: pink
Packaging: 750 ml aerosol (net)

Shelf life
12 months unoppened and stored in dry and cool conditions, Upright storage is recommended

Soudafoam FR

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. 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.

Standards and certificates
- European Technical Approval Soudafoam FR - ETA 13/0280
- CE-marked (BCCA - EC conformity CPR)
- Joint Sound Reduction Test by IFT
- Various test and classification reports in various accredited testing institutes: IFT Rosenheim, ITB Poland, Warrington Fire Gent, Warrington Fire Australia, Efectis Netherlands, Efectis France, CSTB France, CSI Italy.
- Testresults for penetration seals and/or joints with Soudafoam FR are freely accessible in the 'Fire Range Application manual Penetration seals and Joints' on the Soudal Website. The corresponding certificates can be obtained through the Soudal sales representatives or trough the Soudal Website.