# Soudafoam 1K



**Technical data**

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|---|---|
| Basis | Polyurethane |
| Consistancy | Stable foam, thixotopic |
| Curing system | Polymerisation through moisture |
| Skin formation* (20°C / 65% R.H.) | 10 min |
| Density | Ca. 25 kg/m³ |
| Temperature resistance | -40°C till +90°C (cured) |
| Curing time | 90 minutes for a 30mm bead |
| Drying time (20°C and 60% R.H.) | dust free |
| Box Yield ( TM 1003-2010 ) | 1000 ml yields 35-40l |
| Shrinkage | None |
| Post-expansion | None |
| Cellular Structure | Ca. 70 to 80% closed cells |
| Fire rating (DIN4102) | B3 |
| Insulation factor (DIN52612) | 33 mW/m.K |
| Compressive strength (DIN53421) | Ca. 3 N/cm² |
| Bending strength (DIN53426) | Ca. 7 N/cm² |
| Shear strength (DIN 53427) | Ca. 17 N/cm² |
| Water absorption | 1% volume |

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

**Product description**
Soudafoam 1K is a 1 component, ready to use PU-foam, which contains propellants who are not harmfull 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.

**Applications**
- Installing of window and door frames.
- Filling of cavities.
- Sealing of all openings in roof constructions.
- Apply of an acoustic baffle.
- Apply of a sound absorbing layer.
- Improving thermal isolation in cooling systems.

**Packaging**
*Colour*: champagne
*Packaging*: Aerosol 500ml, 600ml and 750ml ( nett )

**Shelf life**
12 months unoppened und stored in dry and cool conditions, Store the can right up

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**Application method**
Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. Surface should be free from grease and dust. 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 SoudalFoamcleaner or acetone. Cured foam can only be removed mechanically

**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.

**Remarks**
- Slightly moistening of the surface in hollow spaces optimizes the good adhesion and the yield.
- For filling of large cavities: apply foam in layers and repeat moistening after each layer.