# Drain and Pipe Foam



**Technical data**

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|---|---|
| Basis | Polyurethane |
| Consistency | Stable foam, thixotropic |
| Curing system | Moisture curing |
| Skin Formation (EN 17333-3) | 10 min |
| Cutting Time (EN 17333-3) | 35 min |
| Free foamed density (EN 17333-1) | Ca. 29 kg/m³ |
| Box Yield (EN 17333-1) | 750 ml yields ca. 26 l of foam |
| Joint Yield (EN 17333-1) | 750 ml yields ca. 19 m of foam |
| Shrinkage after curing (EN 17333-2) | < 1 % |
| Expansion after curing (EN 17333-2) | None |
| Expansion during curing (EN 17333-2) | Ca. 167 % |
| Percentage closed cells (ISO4590) | Ca. 7 % |
| Compressive strength (EN 17333-4) | Ca. 22 kPa |
| Shear strength (EN 17333-4) | Ca. 39 kPa |
| Tensile Strength (EN 17333-4) | Ca. 80 kPa |
| Elongation at Fmax (EN 17333-4) | Ca. 16,7 % |
| Temperature resistance** | -40 °C till +90 °C (cured) |

** This information relates to fully cured product.

**Product description**
Drain and Pipe Foam 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.
- Excellent for sealing and joining wells and manhole rings of sewer manholes and domestic sewage treatment plants or pipe elements made of concrete, with tongue and groove joints.
- Sealing and joining of control box rings from e.g. Concrete, clay and ceramic for house connections.
- Sealing and assembly of components in the assembly of 3-chamber sewage treatment plants.

**Packaging**
*Colour*: champagne
*Packaging*: 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.

Remark: This technical data sheet replaces al previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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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.

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