

TECHNICAL DATA SHEET

1C assembly foam PURlogic® Easy

Art. no. 0892 143

P. Qty.: 1 / 12

1-component assembly foam to insulate, fill and seal cavities



Chemical basis	Single component polyurethane
Colour	Ice blue
Smell/fragrance	Characteristic
Moulded density	16 kg/m ³
Conditions for moulded density	in accordance with DIN EN ISO 845 (average)
Cell structure	Medium - fine
Cell structure conditions	tested in accordance with Würth test methods
Tack-free after	9 min
Conditions for being tack-free	tested in accordance with Würth test methods
Can be cut after	15 min
Conditions for ability to cut	tested in accordance with Würth test methods
Full resilience	12 h
Conditions for full resilience	at 20 °C and 50% relative humidity
Min. processing temperature	5 °C
Max. processing temperature	25 °C
Min. ambient processing temperature	-5 °C
Min. surface processing temperature	-5 °C
Min. processing temperature for can	5 °C
Max. processing temperature for can	25 °C
Min./max. temperature resistance	-40 to 80 °C
Heat conductance λ	0.038 W/(m*K)
Heat conductance λ conditions	in accordance with DIN 52612
Water absorption (%)	0.3 Vol-%
Water absorption conditions	in accordance with DIN 53433
Compression strength	1.9 N/cm ²
Compression strength conditions	based on DIN 53421 at 10% compression

TECHNICAL DATA SHEET

Min. combined tension and shear resistance	3.2 N/cm ²
Conditions for combined tension and shear resistance	in accordance with DIN 53427
Min. tensile strength	6.9 N/cm ²
Conditions for tensile strength	based on DIN 53430
Elongation at break	20.5 %
Elongation at break conditions	based on DIN 53430
Yield (volume) approx.	30 l
Conditions for yield	at 20 °C
Contents	500 ml
Container	Can
Building material class	B2 - Normally inflammable
Building material class conditions	in accordance with DIN 4102
CFC (fuel gas) free	Yes
Shelf life from production	12 Month
Conditions to maintain shelf life from production	at 20 °C

Application area

High-quality and secure insulating and filling of cavities, such as pipe ducts, joints, wall joints and wall openings. Adheres to surfaces such as concrete, marble, stone, hard PVC, metal and wood with the exception of PE, silicone, PTFE, grease and similar surfaces. Ice blue foam colour provides visual confirmation of installation.

Application information

Shake can vigorously 20 times before use. Screw the angled adapter onto the can valve. Caution: do not overturn. When applying, hold the can with the valve downwards. The surfaces must be clean, solid and free from dust and grease. Pretreat highly absorbent surfaces with primer. Adhesion surfaces must be moistened with water before the foam is applied. Fill foam into larger cavities in several layers; moisten each layer. Foam continues to expand after application. Immediately remove fresh foam splashes with PURlogic® Clean, art. 0892160 and foam residue already hardened with PURlogic® foam cleaner.

Notice

Adheres to surfaces such as concrete, marble, stone, hard PVC, metal and wood with the exception of PE, silicone, PTFE, grease and similar surfaces. Primer should be applied to porous and absorbent surfaces. Primer should be applied to porous and absorbent surfaces.

TECHNICAL DATA SHEET

The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.