



CHARACTERISTICS

- One-component PU gunfoam
- Very high volume - moderate post expansion (low curing pressure)
- Good thermal and acoustic insulation
- CFC- and HCFC- free (ozon friendly)
- Accurately controlled application with NBS gun
- No hardening behind the safety valve, no intrusion of moisture
- Cured foam can be cut, sawn, plastered and painted and is resistant against water

APPLICATIONS

- Filling, sealing and insulating of joints:
 - Partition walls with ceilings,
 - Structural space between window- and door frames and walls,
 - Structural- and fitting space between prefabricated construction elements,
 - Seams between chimneys, roof protection, roof panels and wall panels...
- Excellent adhesion to wood, concrete, stone, masonry, plasterwork, metals and most plastics, polystyrene, polyurethane foam, polyester, PVC, etc.

TECHNICAL CHARACTERISTICS*

Base	Polyurethane-prepolymer
System	Moisture
Density in joint 3x10 cm	12 - 16 kg/m ³
Foam yield (TM 1003)	55 l (750 ml can)
Foam yield in joint 3x5 cm	20 m (750 ml can)
Dimensional stability (TM 1004)	< 2 %
Curing pressure (TM 1009, moistened surfaces)	< 0,2 N/cm ²
Post expansion (TM 1010)	< 80 %
Fire class (DIN 4102-1)	B3
Tack free time (TM 1014)	6 - 10 min
Cutting time (TM 1005)	< 30 min
Completely cured in joint 3x5 cm	< 8 h
Ambient temperature during use	+5°C to +40°C (Optimal at 20°C)
Can temperature during use	+5°C to +35°C (Optimal at 20°C)
Temperature resistance of cured foam	-50°C to +90°C
Tensile strength (TM1018, moistened surfaces)	> 9,5 N/cm ²
Shear strength (TM1012, moistened surfaces)	> 3,5 N/cm ²
Compression strength at 10% compression (TM1011, moistened surfaces)	> 2,5 N/cm ²
Thermal conductivity (EN12667, TM1020)	0,033 W/mk
Sound reduction index R _w (EN ISO 10140)	60 dB
Water vapour permeability (EN 12086)	μ = 11
Shelf life, unopened in the original packing and vertically stored in a cool and dry area at +5°C to +30°C	18 months

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

PACKING AND COLOURS			
12 cans of 750 ml/box - 56 boxes/pallet			
Colour	Article number	EAN (can)	EAN (box)
Beige-yellow	3200004N000049	5413624701034	5413624702178

*Technical data according to test methods approved by FEICA. These test methods are designed to provide transparent and reproducible test results, giving an accurate representation of product performance. The FEICA OCF test methods are available at <http://www.feica.eu/our-industry/pu-foam-ocf.aspx>. FEICA is the multinational association representing the European adhesive and sealant industry, including the producers of one-component foam manufacturers. More information at www.feica.eu.

METHOD OF USE

Preparation

- Use only in well-ventilated areas.
- Surfaces should be clean and free of dust and grease.
- Porous and dry substrates must always be pre-moistened, as foam expands due to humidity.
- Chilled cans must be carefully warmed up in lukewarm water before usage. However the can must not be heated above +50°C, as there is a risk of bursting. Cans which are too hot must be cooled in water. The can should be shaken occasionally during this process to obtain the required temperature faster.

Application

- Shake foam can vigorously at least 20 times before use.
- Keep the can in upright position when screwing onto the NBS gun. Move the gun to the can by holding the gun handle with one hand and screwing the can with the other hand. Do not turn the can during screwing. Do not aim the gun at people (Consult the NBS gun manual).
- Hold the can upside down when extruding the foam. The dispensing volume can be controlled by using the gun trigger and the adjustment screw.
- Fill the joints to 60%.
- For larger joints, apply in several layers and moisten between the layers.
- Keep the foam can with gun upright after use.

Cleaning

Fresh foam spills must be removed immediately within the tack-free time with **Rexon Foam Cleaner**. Cured foam can only be removed mechanically.

SAFETY

Safety data sheet available on request.

LIMITATIONS

- Does not adhere to PE, PP, PTFE, silicone, oil, grease and similar surfaces.
- Not UV resistant.

TECHNICAL APPROVALS



* Information on the emission level of volatile substances in indoor air, with a risk of inhalation toxicity, on a class scale ranging from A + (very low emissions) to C (strong emissions).



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Part Code | FIF20000
Description | ReXon 341 Gun Grade Foam

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