

**CHARACTERISTICS**

- One-component polyurethane foam
- Good thermal and acoustic insulation
- CFC- en HCFC-free (ozon friendly)
- 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,
  - Around cables and pipes, penetrations through walls and ceilings...
- Excellent adhesion to concrete, wood, masonry, stone, plasterwork, metals and most plastics, polystyrene, polyurethane foam, polyester, PVC, etc.

TECHNICAL CHARACTERISTICS*	
Base	Polyurethane-prepolymer
Curing system	Moisture
Density in joint 3x10 cm	21 - 25 kg/m <sup>3</sup>
Foam yield (TM 1003)	32 l (750 ml can)
Foam yield in joint 3x5 cm	9 m (750 ml can)
Dimensional stability (TM 1004)	< 2 %
Curing pressure (TM 1009, moistened surfaces)	< 0,45 N/cm <sup>2</sup>
Post expansion (TM 1010)	< 150 %
Fire class (DIN 4102-1)	B3
Tack free time (TM 1014)	8 - 12 min
Cutting time (TM 1005)	< 45 min
Completely cured in joint 3x5 cm	< 16 h
Ambient temperature during use	+5°C to +30°C (Optimal at 20°C)
Can temperature during use	+5°C to +25°C (Optimal at 20°C)
Temperature resistance of cured foam	-50°C to +90°C
Tensile strength (TM1018, moistened surfaces)	> 13 N/cm <sup>2</sup>
Shear strength (TM1012, moistened surfaces)	> 5,5 N/cm <sup>2</sup>
Compression strength at 10% compression (TM1011, moistened surfaces)	> 3,5 N/cm <sup>2</sup>
Thermal conductivity (EN12667, TM1020)	0,033 W/mk
Sound reduction index R <sub>w</sub> (EN ISO 10140)	60 dB
Water vapour permeability (EN 12086)	μ = 19
Shelf life, unopened in the original packing and vertically stored in a cool and dry area at +5°C to +30°C	15 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.



Part Code | FIF20001  
Description | ReXon 311 Handheld PU Foam

## PACKING AND COLOURS

12 cans of 750 ml/box - 56 boxes/pallet

Colour	Article number	EAN (can)	EAN (box)
Beige-yellow	3200001N000049	5413624701003	5413624702147

\*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](http://www.feica.eu).

## METHOD OF USE

### Preparation

- Use only in well-ventilated areas.
- Check whether the substrate has sufficient bearing capacity. Check the adhesion of existing coatings.
- 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 the adaptor (straw) to the valve.
- Hold the can upside down when extruding the foam.
- Fill the joints to 60%.
- For larger joints, apply in several layers and moisten between the layers.
- Keep the foam can 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 level of emissions of volatile substances in indoor air, presenting a risk of inhalation toxicity, on a class scale ranging from A + (very low emissions) to C (high emissions).



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