

R-RPS-K Polyurethane Foam All Season

Low-pressure, one-component polyurethane foam with delivery tube

Product information



Applications

- Fixing pipes and cables in HVAC systems
- The application of PU foam: installation of windows and doors, filling, sealing, insulation in the construction industry
- Installation of windows and door
- Easy fixing of door and window frames - timber, metal or PVC
- Fixing (for installation of doors and windows)
- Thermal insulation of roofing (including flat roofs)
- Installation & sealing of window sills
- Thermal insulation of plumbing and central heating
- Filling gaps in the thermal insulation of buildings
- Filling frame structures

Features and benefits

- Ideal for mounting, sealing and soundproofing.
- Excellent sound and thermal insulation properties.
- Resistant to mould and fungi.

Base materials

Approved for use in:

- Concrete
- Masonry
- Wood
- Metal Sheet & Profiles
- PVC Profile
- Window Profile

Installation guide



1. Wear protective gloves. Ensure surfaces are free from dust, dirt or debris.
2. Remove the frost from the working surface.
3. Before using, make sure that the can temperature is above zero (optimum +20°C). Application temperature from -10°C up to +30°C.
4. Shake can vigorously for 30 seconds to mix properly components.
5. Screw straw-applicator onto the can. Hold can upside-down during application.
6. Fill gaps from down to up, zigzag motion, alternating from one wall to the other. Fill gaps to approximately 60 % volume. Max. wide of the gap 5 cm. Gaps wider than 5 cm should be applied after hardening of the previous layer.
7. After full curing, cut the excess foam with a knife and protect it from UV exposure by coating with plaster, paint, acrylic or silicone.

Technical Data

| Parameter | | Value | Methods |
|-------------------------------------|----------------------|---------------------------|----------------------|
| Application temperature | [°C] | -10 ÷ +30 | |
| Can temperature | [°C] | +20 | |
| Efficiency | [dm ³] | max. 40 | |
| Colour | - | Light yellow | |
| Skin formation time | [min] | 5 ÷ 12 | 20°C, RH 90% |
| Pretreatment time | [min] | 60 | 20°C, RH 90% |
| Complete hardening time | [h] | 24 | |
| Fire resistance class | - | B3 | DIN 4102 |
| Density | [kg/m ³] | 26 ± 10 | PN-EN ISO 845:2000 |
| Dimensional stability | [%] | ≤5 | 40°C, RH 95%, 24 hrs |
| Water absorption after 24h | [kg/m ³] | ≤2 | PN-EN 1609:1999 |
| Tensile strength | [kPa] | ≥ 100 | PN-EN 1607:1999 |
| Compressive strength | [kPa] | ≥ 50 | PN-EN 826:1998 |
| Thermal resistance (upon hardening) | [°C] | -50 ÷ +90 | |
| Preparations solubility | - | Acetone, before hardening | Cleaner RPC-0500 |
| Soundproofing coefficient | [dB] | 61 | EN 12354-3 |
| Volume | [ml] | 660 | |
| VOC Content | [%] | 7,68 | calculated value |

| Parameter | | Value |
|--------------------|---------|---|
| Shelf life | [month] | 18 |
| Storage conditions | - | <p>upright position in an originally closed container</p> <p>the storage temperature: from +5°C to +35°C (room temperature is recommended)</p> <p>dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition</p> <p>storing the product in conditions other than recommended may shorten the life time even by 3 months</p> |

Product commercial data

| Product Code | Colour | Volume [ml] | Quantity [pcs] | | | Weight [kg] | | | Bar Codes |
|--------------|--------------|-------------|----------------|-------|--------|-------------|-------|--------|---------------|
| | | | Box | Outer | Pallet | Box | Outer | Pallet | |
| R-RPS-K | Light yellow | 660 | 12 | 12 | 672 | 10.9 | 10.9 | 642.2 | 5906675430058 |