

TECHNICAL DATA

Parameter	Value	Methods
Application temperature	[°C] +5 ÷ +30	
Can temperature	[°C] +20	
Efficiency	[dm³] max. 45	
Colour	- Light yellow	
Post-expansion	[%] 60	
Skin formation time	[min] 5 ÷ 12	+20°C, RH 90%
Pretreatment time	[min] 45	+20°C, RH 90%
Complete hardening time	[h] 24	
Fire resistance class	- B3	DIN 4102
Density(kg/dm³)	[%] 19 ± 10	PN-EN ISO 845:2000
Dimensional stability	[%] ≤3	40°C, RH 95%, 24 hrs
Water absorption after 24h	[kg/m³] ≤1	PN-EN 1609:1999
Tensile strength	[kPa] ≥ 100	PN-EN 1607:1999
Compressive strength	[kPa] ≥ 40	PN-EN 826:1998
Thermal resistance (upon hardening)	[°C] -50 ÷ +90	
Thermal conductivity	[W/mK] 0,036	
Preparations solubility	- Acetone, before hardening	Cleaner RPC-0500
Soundproofing coefficient	[dB] 61	EN 12354-3
Volume	[ml] 750	
Shelf life	[month] 15	
Storage conditions	upright position in an originally closed container	
	the storage temperature: from +5°C to +35°C (room temperature is recommended)	
	dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition	
	storing the product in conditions other than recommended may shorten the life time by 3 months	



The storage temperature: from +5°C to +35°C (**room temperature is recommended**)



Upright position in an originally closed container



Shelf life
15 months



Dry, cool and well-ventilated place away from direct sunlight and other sources of heat and ignition

BASE MATERIAL

Concrete, masonry, wood, PVC profile, window profile, metal sheet & profile



ALSO APPLICABLE TO

Solid concrete block, hollow-core slab, concrete slab, aerated concrete block, lightweight concrete block, hollow lightweight concrete block, silicate blocks, high-density natural stone, hollow brick, vertically-perforated clay block, hollow sand-lime brick, solid brick, solid sand-lime brick, ceramic hollow block, gypsum fibreboards, plasterboard, chipboard, oriented strand board stainless steel

INSTALLATION GUIDE



1. Wear protective gloves. Ensure surfaces are free from dust, dirt or debris.
2. Before using, make sure that the can temperature is above zero (optimum +20°C). Application temperature from +5°C up to +30°C.
3. Shake can vigorously for 30 seconds to mix properly components.
4. Screw gun onto the can. Hold can upside-down during application.
5. Moisten surfaces with water prior to 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 3-4 cm. Wider gaps should be applied after hardening of the previous layer. Each layer should be moistened with water using a spray.
7. Once fully hardened, foam must be protected from UV exposure by coating with plaster, paint, acrylic or silicone.
8. In the event of a stoppage exceeding five minutes duration, wipe the nozzle with cleaner for foam applicator.
9. After removing the applicator gun from the can, wipe down the nozzle and gun (internal and external surfaces) using a cleaner.

CLEANING



When a break in application is longer than 15 minutes, the gun should be blocked and the nozzle should be cleaned with cleaner. Keep the gun attached to the can.

FINISHING WORKS



Unscrew the gun from the can. Remove any remaining foam from inside the gun by pressing the trigger of the gun. Clean the adaptor and the nozzle with cleaner. Screw the gun onto the can. Press the gun trigger several times until the gun is completely clean. Ensure the gun is blocked after use.

R-RPP-PVC

MINIMAL EXPANSION AFTER APPLICATION. VERY ECONOMICAL TO USE



HIGHLIGHTS

Trust & Innovation

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RPP-PVCEN

MINIMAL EXPANSION AFTER APPLICATION. VERY ECONOMICAL TO USE.



Wide range of application



Scan the QR code for more information



APPLICATIONS

- Filling frame structures
- Installation & sealing of window sills
- Precise filling and sealing in the wide range of gaps sizes
- Easy fixing of door and window frames - timber, metal or PVC
- 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
- Thermal insulation of plumbing and central heating
- Thermal insulation of roofing (including flat roofs)
- Filling gaps in the thermal insulation of buildings

LOW EXPANSION GUN PU FOAM FOAM WITH CONTROLLED EXPANSION

- Ideal for mounting, sealing and soundproofing
- Installation of a large number of doors and windows
- Thermal insulation in roof cavities
- Gap filling around plumbing and heating pipework
- Filling any awkward gap or cavity

Low expansion gun PU foam Foam with controlled expansion



Excellent thermal and acoustic insulation properties



Rapid curing, workable in 40 minutes



Excellent adhesion to most construction materials

High yield – up to 45 litres from 750ml can

Resistant to mould and fungi



Extended Building Season

Low expansion forces will not distort frames or profiles



LOW RISK OF DEFORMATION

The low expansion foam formula is perfect for mounting, sealing and soundproofing PVC profiles that are susceptible to deformation.

CONTROLLED AND LOW EXPANSION

Reduces the insulation weight created when compared with traditional methods. A 750ml can, can replace 25 kg of mortar for ETICS applications. Controlled and low expansion, or foam growth during curing, allows it to be used in narrow gaps.

SPECIAL PROPERTIES PERFECT FOR SOME APPLICATIONS

- It fulfills the insulating properties
- Minimises the risk of contraction
- Reduces the risk of deformation of window and door frames
- Low growth minimizes the need to cut excess foam

FEATURES AND BENEFITS

- Low Expansion formulation (low growth) enables applications to narrow gaps, guarantees high yield (no wastes) and eliminates the risk of frame deformation.
- Low-pressure formulation eliminates risk of frames deformation and ensures proper gaps filling.
- Ideal for mounting, sealing and soundproofing, particularly for PVC profiles susceptible to deformation.
- Excellent sound and thermal insulation properties.
- Cutting time 40 min after application.
- Excellent adhesion to most materials and substrates used in construction.
- Resistant to mould and fungi.

ACCESSORIES

