**TECHNICAL DATA**

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

**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, cellular 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, orientated 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 upright during application.
5. Mop dust surfaces with water prior to application.
6. Fill gaps from down to up, zigzag motion, alternating from one wall to the other.
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 application.
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.

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**HIGHLIGHTS**

2018

R-RPP-PVC

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Trust & Innovation
www.rawlplug.co.uk
Low expansion gun PU foam
Foam with controlled expansion

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 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 minimises the need to cut excess foam

FEATURES AND BENEFITS
• Low Expansion formulation (low growth) enables applications to narrow gaps, guarantees high yield (no waste) 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.

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
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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

EXCELLENT THERMAL AND ACOUSTIC INSULATION PROPERTIES
Excellent thermal and acoustic insulation properties

Rapid curing, workable in 40 minutes

High yield — up to 45 litres from 750ml can

Low expansion forces will not distort frames or profiles

Excellent adhesion to most construction materials

Resistant to mould and fungi

Extended Building Season

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