1. Wear protective gloves. Ensure surfaces are free from dust, dirt, lime or grease. If the wall surface is dirty it must be primed.

2. Before adhering polystyrene board, starter track must be installed.
Shake can vigorously for 30 seconds to mix properly components.

3. Optimal can temperature is +20°C. Application temperature from -5°C up to +30°C.
Screw gun onto the can. Hold can upside-down during application.

4. For adhesion of foamed polystyrene facade insulation, apply a braid of Styrofix (approx. 3 cm wide) around the perimeter of polystyrene boards (approx. 2 cm from the edge), with an additional strip across the centre of the board.

5. For adhesion of extruded polystyrene foam (XPS) on foundations, apply Styrofix in 4 vertical braids (approx. 3 cm wide) maintaining equal spacing of 20-30 cm between the strips. Ensure 3 cm clearance from the edge of the board (for boards wider than 100 cm, more braids should be applied).

6. Allow max. 5 minutes after application of Styrofix before mounting insulation to the facade or foundation. After mounting, adjust board to the desired position. Board adjustment is only possible for up to 10 minutes after adhesion. In the case of detachment from the surface apply again Styrofix.

7. At lintels and in the corners, support the boards (approx. 10-15 min) until the bond cures.
After 2 h the boards should be polished with an abrasive paper and additionally fixed with special mechanical connectors. Fill gaps between boards using Styrofix. When fully cured, the excess of adhesive should be removed mechanically (eg. using a knife).

8. After removing the applicator gun from the can, wipe down the nozzle and gun (internal and external surfaces) using a cleaner.

INSTALLATION GUIDE

Polystyrene (EPS) boards
XPS extruded polystyrene insulation boards

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application temperature</td>
<td>°C</td>
<td>-5÷30</td>
</tr>
<tr>
<td>Can temperature</td>
<td>°C</td>
<td>+20</td>
</tr>
<tr>
<td>Adhesive coverage</td>
<td>(min. 12 for XPS)</td>
<td>140°C, 95%RH, 24 hrs</td>
</tr>
<tr>
<td>Pretreatment time</td>
<td>min</td>
<td>3-12</td>
</tr>
<tr>
<td>Adhesive hardness time</td>
<td>(min)</td>
<td>24</td>
</tr>
<tr>
<td>Adhesive coverage</td>
<td>(min)</td>
<td>3-12</td>
</tr>
<tr>
<td>Dimensional stability</td>
<td>%</td>
<td>1÷2</td>
</tr>
<tr>
<td>Thermal resistance (oC)</td>
<td>(min)</td>
<td>3-150</td>
</tr>
<tr>
<td>Material degradation</td>
<td>(min)</td>
<td>40-90</td>
</tr>
<tr>
<td>Water absorption</td>
<td>(%)</td>
<td>12-20%</td>
</tr>
<tr>
<td>Volume</td>
<td>ml</td>
<td>750</td>
</tr>
<tr>
<td>Shelf life</td>
<td>month</td>
<td>12</td>
</tr>
</tbody>
</table>

BASE MATERIAL
Polystyrene (EPS) boards
XPS extruded polystyrene insulation boards

ALSO APPLICABLE TO
Gypsum fibreboard, chipboard, plywood, non-plastered, pressure-resistant insulation boards, plasterboard, mineral wool boards, sandwich panels

TECHNICAL DATA

R-RPP-FIX
ADHESIVE FOR THERMAL INSULATION BOARD.
Saves time and energy

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.

HIGHLIGHTS
R-RPP-FIX

Trust & Innovation
www.rawlplug.co.uk
**EFFECTIVE WORK**

One can is enough to cover 8-12 m² of insulated surface – highly efficient.

**SAVES TIME AND MONEY**

Reduces the insulation weight created when compared with traditional methods. A 750 ml can can replace 25 kg of mortar for ETICS applications.

**HIGH THERMAL INSULATION**

High initial force & excellent insulation – does not create thermal or acoustic bridges.

**EXTEND BUILDING SEASON**

Works at low temperatures (-5°C) – longer working seasonable application

**APPLICATIONS**
- Bonding insulation boards on facades and foundations
- Suitable for ETICS® systems with mechanical fixings
- Bonding and insulating of wall panels, roofing sheets & tiles
- Sealing gaps between foamed polystyrene
- Sealing cracks in walls
- Filling & sealing expansion joints in thermal insulation

**FEATURES AND BENEFITS**
- Fixing just two hours after application.
- One product for thermal insulation of facades (EPS) and foundations (XPS).
- Highly efficient – coverage of about 8 m² facades and approx 12 m² foundations.
- Possible application at which significantly prolongs the construction season.
- Portable – no requirement for access to water and electricity.
- High strength characteristics and excellent adhesion to common construction materials.

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