

# Polyurethane Adhesive

Trowel Grade PU Adhesive for Rubber, Wood and PVC

<b>Description</b>	A solvent-free, one-component Polyurethane adhesive, trowel-grade, waterproof. Its elastomeric properties enable it to move, expand, and contract. It has outstanding bond strength and it is suitable for both indoor and outdoor applications.
<b>Where to use</b>	<ul style="list-style-type: none"> <li>• Recycled rubber tiles.</li> <li>• Laminated hardwood.</li> <li>• Parquet flooring.</li> <li>• Cork flooring, underlayment and rubber rolls.</li> <li>PVC membranes.</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Solvent free.</li> <li>• VOC compliant &amp; Eco friendly.</li> <li>• Low odor.</li> <li>• Suitable for indoor and outdoor.</li> <li>• Excellent bond strength &amp; flexibility.</li> <li>• USDA compliant (for food contact).</li> </ul>
<b>Properties</b>	
Specific gravity	1.08
% Volume Solids	100% by volume
Flash point	> 200 °C
Initial Set	4 hours @ 23 °C
Light traffic time	12 hours @ 23 °C
Normal traffic time	24 hours @ 23 °C
Elongation %	50 ±5%
Tensile strength	20 Mpa
Viscosity	2800 ±400 MPa.s
<b>How to use</b>	<ul style="list-style-type: none"> <li>• Surface must be sound, clean and dry while moisture content &lt;4%</li> <li>• Repair concrete and install sealants and filler as necessary.</li> <li>• Low spots must be filled with <b>Kemrepair EP</b>, <b>Kemgrout EP</b> and use <b>Proflex LM</b> for joints. Mechanical surface profiling is preferred with shot blasting or any other approved mechanical means.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Apply adhesive to the substrate with an appropriate trowel.</li> <li>• Immediately place flooring into the wet adhesive.</li> <li>• No flashing is required.</li> <li>• Do not apply more adhesive than can be applied in ½ hour.</li> <li>• Uneven flooring should be tacked or rolled to ensure good contact.</li> <li>• Max. surface temperature is +30 °C.</li> <li>• Cure time depends on temperature and humidity</li> </ul>
<b>Theoretical Coverage</b>	0.4 – 1.0 Kg/m <sup>2</sup> depends on surface leveling
<b>Packaging</b>	1 & 5 Kg cans
<b>Cleaning</b>	Clean all tools immediately after use with <b>Prosolve PU</b> .
<b>Shelf life &amp; Storage</b>	12 months if kept in original packing in a dry condition

#### Health and Safety

Use goggles, gloves and breathing mask when applying.  
Apply forced ventilation in confined spaces.  
Remove splashes from skin with hand cleaner or soap and water.  
Eye splashes to be washed with plenty of water.  
If ingested seek medical advice

#### Additional Information

**PROKEM** provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

**PROKEM** designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction.

**PROKEM** reserves the right to change the properties of its products.  
All orders are accepted subject to our current term of sale & delivery.

Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

**PROKEM** extends technical services to include after-sales support to assist users in the proper handling of our products.