DESCRIPTION:
Rimseal 3000 rapidly reacts with water to form soft, open cell foam of high density, Flexible foam. Unlike other foams this product does not turn yellow or discolour when exposed to the elements. Rimseal 3000 has a slower reaction time than the 1000 grade. Also adheres to wet substrates.

TYPICAL APPLICATIONS:
Rimseal 3000 is highly effective in preventing the ingress of water in situations subject to movement:
- Backfilling, defective/honeycombed concrete
- Sealing cracks and joints
- Sealing structural cracks subject to movement
- Waste water tanks
- Sewer manholes
- Tunnels, Dams
- Pipe Penetration

KEY BENEFITS:
The hydrophilic properties of Rimseal 3000 react even with a very small amount of moisture.
- Single Component
- Rapid Expansion (salt/mineral water)
- Highly Elastic
- Ultra Low Viscosity
- High Adhesion even to wet surfaces
- Solvent Free, Environmentally safe
- Resistant to most organic solvents, mild acids and alkalis.
- High Density, High elasticity and does not discolor in exposed situations.

A very effective water stop in situations where vibration is severe

PHYSICAL PROPERTIES:

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Yellow Transparent Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIXING RATIO</td>
<td>Single component</td>
</tr>
<tr>
<td>VISCOSITY @ 25°C</td>
<td>300 ± 50 CPS</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.1 ± 0.1</td>
</tr>
<tr>
<td>ELONGATION %</td>
<td>&gt;80%</td>
</tr>
<tr>
<td>FOAMING RATE</td>
<td>&gt;800%</td>
</tr>
<tr>
<td>PACKAGING</td>
<td>20Kg/10Kg</td>
</tr>
<tr>
<td>TENSILE STRENGTH</td>
<td>1 N/cm² or more</td>
</tr>
</tbody>
</table>

REACTION TIMES:

<table>
<thead>
<tr>
<th>TEMPERATURE °C</th>
<th>5</th>
<th>15</th>
<th>25</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foaming Starts (sec)</td>
<td>35</td>
<td>27</td>
<td>16</td>
<td>13</td>
</tr>
<tr>
<td>Foaming Ends (Sec)</td>
<td>215</td>
<td>165</td>
<td>126</td>
<td>105</td>
</tr>
<tr>
<td>Foaming %</td>
<td>800</td>
<td>840</td>
<td>870</td>
<td>880</td>
</tr>
<tr>
<td>Viscosity</td>
<td>510</td>
<td>360</td>
<td>250</td>
<td>195</td>
</tr>
</tbody>
</table>

INSTALLATION:
Rimseal polyurethane grouts are injected (pumped) through injector ports generally termed “packers” inserted into the substrate. Variables such as crack width, substrate thickness and quality require differing pressures from as low as 3000 to 4000 psi.

The Rimseal Auto injector is the ideal, cost effective, light weight (13kg), portable medium, delivering a recommended pressure of 3500 psi with a maximum capacity of 7500 psi.

SURFACE PREPARATION:
Remove surface contaminants such as mineral deposits created by long term water leakage and any other that obscure the damaged area (crack). If the crack is clearly visible generally cleaning is not required.

DRILL HOLES:
Select the desired drill bit and corresponding diameter packer. In most situations a hammer drill fitted with a 10 x 300 x 36mm masonry drill bit and 10mm diameter x 80 – 100mm long packer will suffice. Locate rebar and conduits to minimize damage to the drill bit and potential spalling of the concrete. Determine a drilling pattern based on hole size, angle of drilling and depth. Drill holes in a staggered pattern each side of the concrete is less than 1200mm thick drill holes perpendicular to the concrete surface directly into the crack. Distance between holes can vary by 150mm to 900mm depending on the situation. Avoid drilling to close to the crack to prevent spalling.

INSTALLING PACKERS:
Insert the packer into the hole to a depth two thirds of its length. Using the T-Bar wrench, a socket or open wrench, tighten the packer turning clockwise until sufficiently secure. Avoid over tightening as this may damage the locking mechanism.

FLUSHING THE CRACK WITH WATER:
Sometimes it is necessary to flush the crack with water to remove debris and drill dust. In a situation where the substrate is very dry and or dependent upon the type of injection resin, it is desirable to flush the crack with water in order to prime the crack for the resin and improve penetration of the product throughout the crack.

June 17, 2016
DO NOT USE WATER WITH THE GROUT PUMP

PACKAGING:
20Kg and 10Kg

STORAGE/SHELF LIFE:
Recommended temperature for storage is minimum 10°C to maximum 25°C. Keep dry and out of direct sunlight. To maximise shelf life store in a cool environment. Product is packaged with nitrogen gas to maximize shelf life (up to 12 months) however once seal is broken use as soon as possible.

HEALTH AND SAFETY:
Rimsea 3000 should only be used as directed. Before handling material, please refer to the material safety data sheet (M.S.D.S). Our recommendations for protective equipment should be strictly adhered to, to ensure personal protection.

M.S.D.S is available upon request from Adcrete Industries or your local Rimseal supplier.

The information presented in this data sheet does not imply any warranty. Further, the maker reserves the right to alter the product, the specification and/or the application techniques as described herein without prior notice, in line with his policy of technological advancement and product improvement. Whilst any information and/or specification contained herein is to the best of our knowledge and experience, all of the above information must in every instance be taken as merely indicative and subject to confirmation after long-term practical applications. For this reason, anyone intending to use the product must ensure beforehand its suitability for the envisaged application. In every instance, the user alone is fully responsible for any consequences deriving from the use of the product. Furthermore, no warranty is given or implied in connection with any recommendations or suggestions made by us or our Representatives, Agents or Distributors as conditions of use and any labour involved beyond our control.

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