



**RAKAM**

# TECHNICAL DATA SHEET

## 403 RAK PLAST-PRM

(Plaster Repair Mortar)



**RAK PLAST PRM** is a ready-made powder product, with a non-shrink property and excellent adhesion. It is use as a repair mortar.

ADVANTAGES	APPLICATION	CLEANING																										
<ul style="list-style-type: none"> <li>• Pre-packed, easy to use material, requiring only the simple addition of water.</li> <li>• Precision made, consistent results.</li> <li>• Shrinkage compensating.</li> <li>• High build, non-slump.</li> <li>• Durable, low permeability.</li> <li>• Weatherproof.</li> <li>• Excellent compressive strength.</li> <li>• High bond strength to prepared surfaces.</li> <li>• Resistant to aggressive media</li> </ul>	<p>All surfaces must be clean, sound and free from contaminated substances. Sufficient clean water shall be sprayed on to the substrate to achieve a "saturated surface dry" condition immediately prior to commencing application work. Highly absorbent surfaces (aerated blocks, calcium silicate blocks) shall be primed with RAK Bond SBR diluted with water at 1:1 ratio. The damaged area should be cut out to a depth of 15mm minimum, keeping the sides of area as square as possible. Mix RAK Plast-PRM with clean water to obtain a sound mortar. The consistency of the mortar can be adjusted by adding more water or powder as required. The water ratio is normally 4-5 litres per 25 kg of powder as required. Apply the mortar to the area and compact it well using a suitable trowel.</p>	<p>Tools should cleaned with water after use.</p>																										
<p><b>MAIN USES</b></p> <ul style="list-style-type: none"> <li>• Repair of damaged, weak or de-bonded areas.</li> <li>• Replacement of damaged plasters especially on vertical areas.</li> <li>• An all purpose economical product for</li> <li>• Replacement cover for carbonated areas.</li> <li>• Filling of honeycombs in new or old construction.</li> <li>• Reprofilng of concrete or masonry.</li> </ul>		<p><b>HEALTH AND SAFETY</b></p> <p>As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn (see packaging for specific instructions). Treat any splashes to the skin or eyes with fresh water immediately. Should any of the product be accidentally swallowed, do not induce vomiting but call for medical assistance immediately. Ensure the container is available for the medical attendant to examine any relevant instructions and contents details. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labelling.</p>																										
<p><b>TYPICAL PROPERTIES</b></p> <table border="1"> <tr> <td>Appearance</td> <td colspan="2">Grey Powder</td> </tr> <tr> <td>Specific Density</td> <td colspan="2">1.45 g/cc</td> </tr> <tr> <td>Recommended application</td> <td colspan="2">10-40 mm/layer</td> </tr> <tr> <td>Minimum application temperature</td> <td colspan="2">5°C</td> </tr> <tr> <td rowspan="2">Compressive strength</td> <td>1 DAY</td> <td>28 DAYS</td> </tr> <tr> <td>9 N/rnm2</td> <td>28 N/mm2</td> </tr> <tr> <td>Tensile strength</td> <td>3.5 N/mm2</td> <td>26 N/mm2</td> </tr> <tr> <td>Flexural strength</td> <td>1.4 N/mm2</td> <td>2 N/mm2</td> </tr> <tr> <td>Slant shear bond Strength</td> <td colspan="2">6.5 N/mm2</td> </tr> </table>		Appearance	Grey Powder		Specific Density	1.45 g/cc		Recommended application	10-40 mm/layer		Minimum application temperature	5°C		Compressive strength	1 DAY	28 DAYS	9 N/rnm2	28 N/mm2	Tensile strength	3.5 N/mm2	26 N/mm2	Flexural strength	1.4 N/mm2	2 N/mm2	Slant shear bond Strength	6.5 N/mm2		<p><b>STORAGE</b></p> <p>Avoid direct sunlight and dew factor.</p>
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