



# مصنع رأس الخيمة

للمواد اللاصقة والعازلة راكم ش.ذ.م.م

**RAS AL KHAIMAH**  
ADHESIVE & WATERPROOF MATERIALS FACTORY RAKAM LLC



## TECHNICAL CATALOGUE



FLOORING  
& TILING



WATER  
PROOFING



BONDING  
AGENTS



SEALANTS  
& REPAIR  
MORTARS



SPECIALITY  
PRODUCTS



# TECHNICAL DATA SHEET




**RAKAM**



## 202 RAK SILOXANE

(Siloxane Surface Seal)

**RAK SILOXANE** is a solvent-based primer, sealer and penetrative protective surface treatment for concrete and masonry, based on silane siloxane.

ADVANTAGES	APPLICATION	ORDERING GUIDE									
<ul style="list-style-type: none"> <li>• Simple spray application, single component and ready to use</li> <li>• No change in surface appearance nor colour</li> <li>• Excellent penetration</li> <li>• Prevents the action of water-borne chlorides and sulphates</li> <li>• Allows concrete to breath, as water vapour permeability is unaffected</li> <li>• Protects surface from discolouration and pollution</li> </ul>	<p>All the surface to be coated should be fully cured, duly and free from demolding oil, or curing membranes. The surface should be perfectly dry before coating with RAK Siloxane. RAK Siloxane is applied with either a low-pressure spray or brush. Stir the material well before use. Do not dilute with water or solvents. On vertical surfaces, RAK Siloxane should be flooded on, starting at the bottom, working steadily upwards. When used as protective impregnation, apply two coats as a minimum. Apply a second coat immediately after applying the first, ensuring the first coat does not dry, i.e. wet on wet</p> 	<p>PRODUCT NO. 202</p> <p>STANDARDS BS 6477</p> <p>PACKAGING 20 kg &amp; 200 kg Packs</p> <p>COLOR Translucent</p>									
FEATURES		CAUTION									
<ul style="list-style-type: none"> <li>• Provides a protective treatment for concrete surfaces</li> <li>• Forms a hydrophobic lining to capillaries</li> <li>• Water repellent</li> <li>• Colourless</li> </ul>	<p>RAK Siloxane is solvent based and therefore highly flammable.</p> <ul style="list-style-type: none"> <li>• Apply in a well ventilated areas</li> <li>• Store away from sunlight</li> <li>• Apply away from naked flames</li> </ul>										
USES	HEALTH AND SAFETY										
<ul style="list-style-type: none"> <li>• Excellent surface protection for on-site, precast concrete and masonry structures</li> <li>• Water repellent for stonework</li> </ul>	<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>										
CHARACTERISTICS	SPECIAL NOTES										
<table border="0"> <tr> <td>Appearance</td> <td>Colourless, clear liquid dries to tack-free film.</td> </tr> <tr> <td>Specific gravity</td> <td>0.8</td> </tr> <tr> <td>Minimum application temp</td> <td>5°C</td> </tr> <tr> <td>MFFT</td> <td>N/A as penetrating impregnation</td> </tr> <tr> <td>Flash point</td> <td>40°C</td> </tr> </table>	Appearance	Colourless, clear liquid dries to tack-free film.	Specific gravity	0.8	Minimum application temp	5°C	MFFT	N/A as penetrating impregnation	Flash point	40°C	<ul style="list-style-type: none"> <li>• RAK Siloxane reacts with moisture, therefore keep the container sealed when not in use</li> <li>• Surface must be perfectly dry</li> <li>• Ensure, adequate ventilation</li> <li>• High winds will interfere with the application</li> <li>• Protective barriers may be required</li> <li>• RAK Siloxane may darken some polymer modified substrates &amp; white cement. A trial area is recommended</li> </ul>
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Flash point	40°C										
COVERAGE	SHELF LIFE										
<p>Average 6-10 m<sup>2</sup>/litre per coat, depending on the porosity of the surface and method of application.</p>	<p>Up to 12 months when stored in sealed containers out of direct sunlight and high temperatures.</p>										





# RAKAM



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HIGH  
QUALITY



FAST  
DELIVERY



BEST  
PRICES

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