



مصنع رأس الخيمة

للمواد اللاصقة والعازلة ركام 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



112 RAK BLOCK FIX - LW

Adhesive for Autoclaved Aerated Concrete Block

112 - RAK BLOCK FIX is a powder adhesive composed of hydraulic binders, bonding agents, quartz, synthetic resins and special additives formulated to obtain, when mixed with water, optimal characteristics of workability and high adhesion power to the support. It contains neither asbestos fibre nor other materials considered harmful for health of the applicator.

ADVANTAGES	APPLICATION	CLEANING																		
<ul style="list-style-type: none"> • Factory controlled pre-blend ensures consistent high quality • Requires only addition of water on site at the time of usage • Strong adhesion to AAC Blocks • Mineral based non-hazardous 	<p>Saturate the block surface with water before applying the adhesive mortar any excess water should be removed. Place the first line of blocks on concrete slab using a traditional cement mortar. Apply RAK BLOCK FIX with special toothed trowel and then position the blocks verifying their alignment. Remove possible excess of mortar before it hardens. Ensure that the adhesive spread on the blocks has not formed a superficial film. In this case apply fresh mix with the toothed trowel. RAK BLOCK FIX should be applied in a thin layer to enable the continuity of thermo-insulation of the blocks. Leave a space of about 2 cm between the top of block wall and the bottom of slab or beam in order to avoid formation of cracks along the wall. This cavity should be filled with compressible material (see relative technical data sheets). After 24 hours of fixing the block wall, plastering may start using an appropriate plastering product such as RAK PLASTER 200</p>	<p>Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.</p>																		
<p>USES</p> <p>RAK BLOCK FIX can be used for laying internal and external AAC (Autoclaved Aerated Concrete) blocks and panels.</p>		<p>RECOMMENDATIONS</p> <ul style="list-style-type: none"> • If the blocks are laid directly on a floor with possible humidity rising, it is recommended to apply a proper damp course system first • The 2 cm separation between the top of the block wall and the bottom of slab or beam should be filled with suitable compressible material • Spray the block wall with water before applying the plaster. • Ensure that the first layer of blocks is fixed proper with perfect alignment • Do not apply RAK BLOCK FIX in rainy weather, high winds and sand storms • Do not apply on surface that has temperature less than +5°C • During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use a cool water • The product should not be exposed to moving water during application 																		
<p>TECHNICAL PROPERTIES</p> <table border="1"> <thead> <tr> <th>Properties</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Appearance</td> <td>Powder</td> </tr> <tr> <td>Color</td> <td>grey, white</td> </tr> <tr> <td>Density at 25°C</td> <td>1.5 kg/L</td> </tr> <tr> <td>VOC</td> <td>3.3g/L</td> </tr> <tr> <td>Compressive Strength at 28 days (ASTM C579)</td> <td>15.0 N / mm2</td> </tr> <tr> <td>Flexural Strength at 7 days (ASTM 580)</td> <td>5.0 N / mm2</td> </tr> <tr> <td>Recommended thickness</td> <td>3 mm</td> </tr> <tr> <td>Noxiousity according to EEC 88/379</td> <td>None</td> </tr> </tbody> </table> <p>All values are subject to 5-10 % tolerance</p>	Properties	Result	Appearance	Powder	Color	grey, white	Density at 25°C	1.5 kg/L	VOC	3.3g/L	Compressive Strength at 28 days (ASTM C579)	15.0 N / mm2	Flexural Strength at 7 days (ASTM 580)	5.0 N / mm2	Recommended thickness	3 mm	Noxiousity according to EEC 88/379	None		
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<p>MIXING</p> <p>To prepare the mixture, pour in a container 10 to 10.5 Liters of clean water. Add a bag of 50 Kg of RAK BLOCK FIX, then mix to get a homogeneous lump free consistency mix.</p> <p>Let the product rests for about 5 minutes and remix shortly before use.</p>	<p>ORDERING GUIDE</p> <table border="1"> <tbody> <tr> <td>PRODUCT NO.</td> <td>112</td> </tr> <tr> <td>PACKAGING</td> <td>25 kg / 5 kg Paper / Plastic Bags</td> </tr> <tr> <td>COLOR</td> <td>White / Grey</td> </tr> </tbody> </table>	PRODUCT NO.	112	PACKAGING	25 kg / 5 kg Paper / Plastic Bags	COLOR	White / Grey	<p>HEALTH & SAFETY</p> <p>RAK BLOCK FIX is a cement-based product.</p> <p>During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.</p> <p>In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.</p> <p>If ingested, obtain medical attention immediately. Do not induce vomiting.</p>												
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<p>CONSUMPTION</p> <p>4 – 5 kg/ m²</p>																				



RAKAM



P.O. BOX 11005, RAS AL KHAIMAH - U.A.E

+9717 266 8383 +9717 266 8853

sales@rakam.ae www.rakam.ae



HIGH
QUALITY



FAST
DELIVERY



BEST
PRICES

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