



مصنع رأس الخيمة

للمواد اللاصقة والعازلة راكم ش.م.م

RAS AL KHAIMAH

ADHESIVE & WATERPROOF MATERIALS FACTORY RAKAM LLC



TECHNICAL CATALOGUE



FLOORING
& TILING



WATER
PROOFING



BONDING
AGENTS



SEALANTS
& REPAIR
MORTARS



SPECIALITY
PRODUCTS





RAKAM

TECHNICAL DATA SHEET

104


RAK GROUT

Latex Modified Cementitious Tile Grout
for Joints 0-4 mm Wide



RAK GROUT is a fine colored latex modified powder composed of cement, quartz, synthetic resins and waterproofing additives which when mixed with water, gives a smooth, easily applied grouting mortar with high mechanical resistance and compensated shrinkage. RAK GROUT is produced in a variety range of colors which match all types of tiles.

ADVANTAGES	
<ul style="list-style-type: none">• Ideal for internal and external floors and walls joints.• Crack free, non-shrinkage grout with high abrasion, compression and flexural strength• Wide range of color selection• Suitable for joints width from 0 to 4 mm• Water resistant• Formulated to suit Middle East conditions	
USES	
<p>RAK GROUT can be used for sealing up to 4 mm joint width ceramic tiles, clinker, quarry tile, mosaics, etc. It is suitable for floors and walls joints internally and externally, including kitchens and bathrooms.</p> <p>To obtain high resistant characteristics (heavy traffic) or high waterproofing resistance (swimming pools), it is recommended to mix RAK GROUT with instead of water.</p>	
TECHNICAL PROPERTIES	
Properties	Result
Density at 25°C	1.9 kg/L
VOC	2.47g/L
Workable time at 25° C	45 minutes
Compressive strength (ANSI 118.7)	>25.0 N / mm²
Flexural strength (ANSI 118.7)	5 N / mm²
Adhesion strength	1.8 N / mm²
Linear shrinkage (ANSI 118.7)	< 2.5 mm / m
Tensile strength (ANSI 118.6)	2.5 N / mm²
Water absorption	< 10g
Noxiousity CEE 88/379	No
All values are subject to 5-10 % tolerance	

INSTRUCTIONS FOR USE	
Surface Preparation Make sure that the tile adhesive is totally set before applying RAK GROUT. The joints must be clean, free of dust. Clean the joints between tiles and brush before grouting.	
MIXING	
Measure 3.0 – 3.5 Liters of cold, potable water in the mixing bucket and add slowly 10 kg bag of RAK GROUT under	
APPLICATION	
After mixing, let the material rest for about 10 minutes, then remix and spread using a rubber grout float.	
Let the product set for about 20 minutes and then clean with a damp sponge. After the complete hardening, clean all the surface of the tile with a dry cloth.	
	
CLEANING	
All used tools should be cleaned with water before the product cures.	
RECOMMENDATIONS	
<ul style="list-style-type: none">• Do not apply RAK GROUT in rainy weather, high winds and sand storms• Do not apply on surface that has temperature less than 5°C	

<ul style="list-style-type: none">• 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• Apply RAK GROUT when the joint is totally dry• In case of very high absorbent tiles or high temperature, dampen the joints with clean water• It is recommended to grout the joints after 24 hours of tile fixing. Since temperature and humidity conditions affect the final curing, it is advisable to allow extended periods of cure when temperatures are low and /or relative humidity is below70%	
ORDERING GUIDE	
PRODUCT NO.	104
STANDARDS	BS : 5980
PACKAGING	10 kg Bags
COLOR	Standard: White / Grey Colors available on request
STORAGE	
Store in a dry covered place in original well closed packaging. Shelf life is 12 months if stored as recommended	
STORAGE	
RAK GROUT can be harmful to skin as it contains cement powders which may releases alkalis when mixed with water. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash thoroughly with soap and water. If ingested, obtain medical attention immediately. Do not induce vomiting	



RAKAM



P.O. BOX 11005, RAS AL KHAIMAH - U.A.E
+9717 266 8383 +9717 266 8853
sales@rakam.ae www.rakam.ae



مصنع رأس الخيمة
للمواد اللاصقة والعازلة ركام ش.م.ش.

RAS AL KHAIMAH
ADHESIVE & WATERPROOF MATERIALS FACTORY RAKAM LLC

FLOORING & TILING

WATER PROOFING

BONDING AGENTS

SEALANTS & MORTARS

SPECIALITY PRODUCTS