

مصنع رأس الخيمة للمواد اللاصقة والعازلة راكام شذم م RAS AL KHAIMAH ADHESIVE & WATERPROOF MATERIALS FACTORY RAKAM LLC





TECHNICAL CATALOGUE







TECHNICAL DATA SHEET

RAK PROOF 201

(Acrylic Waterproof)

RAK PROOF is a specially formulated single pack, high quality, elastomeric waterproof coating.

It has outstanding durability, resistance to weathering and a very high degree of flexibility.



ADVANTAGES

- · One component; ready to apply direct from the can.
- · Liquid application means details are simplified and there are no joints in the membrane
- · Highly elastic, cures to give a permanently flexible resilient barrier over a wide range of tempretures.
- · Rapid installation; significantly reduces time spent on preparatory works and detailing.
- Excellent adhesion can be applied to a wide range of substrates. Contineous adhesion prevents lateral migration of water
- · Impervious-outstanding barrier properties ensure protection against corrosive soil conditions.
- · Excellent resistance to oxidation and embrittlement

concrete, metal, asbestos, etc.

• Ideal for waterproofing of car park decks

systems such as foundations, basements,

tunnels, ground floors, suspended floors,

patios, bridges, inspection pits, sewage

Recommended as a protective membrane

works, inverted roofs, bathrooms, kitchen,

and exposed surfaces in water prone

car decks, roof terraces, balconies,

 Mechanical damage to the membrane can be easily repaired by spot application.

CHARACTERISTICS

1.25 g/cc Density рΗ 885

Solid content 60 + 2% by weight

Elongation at break 400% Color White Toxicity Non Toxic Tack free time 8 hours

@30°C

48 hours @ 1.3mm Time to full cure @30°C thickness

Typical cured membrane 400

properties (at 28 days)

Elongation

Tensile Strength 1.5 N/mm2 (ASTM D4541)

Recovery from 200%

elongation

(ASTM D412)

Tear resistance (ASTM D624)

Permeability @ 5 bar pressure 7th Day

Artificial weathering

No loss of flexibility after 4000 hours

exposure -40°C to 70°C

95%

14N

NIL

Service tempreture (contineous ambient)

ORDERING GUIDE

PRODUCT NO.

STANDARDS ASTM D 412, D 4541

MSFN 12390 PT 8:2000

PACKAGING 5 kg /20 kg Packs **COLOR** White / Grey

SHELF LIFE

Must be protected between 5°C and 30°C. 12 months in unopened airtight containers.

APPLICATION

The support must be clean, free of dust, dirt, oil, grease and loose particles. When applying on metal surfaces, remove rust and contamination for best results. Apply with brush, roller or an appropriate spray. Apply a primer the coat of RAK Proof (80% RAK Proof + 20% water) with brush, roller

Once the primer coat has completely dried, apply a minimum two coats of undiluted RAK Proof. It is important to ensure that coat has totally cured (i.e. minimum 8 hours at 30°C) before applying the next coat. For better results, a glass fibre mat is reinforced into the first coat while it is wet, at expansion areas and joints with parapets.

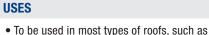
or spray.

CLEANING

Clean all tools with water after use

HEALTH AND SAFETY

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 labeling.



COVERAGE

toilets etc.

for P.U. installation.

1 kg/m2 per coat, approximately (depending on the support and the means of application)









