



RICHPROOF - 5000

ريج بروف 5000

(High Quality Acrylic Water Proofing membrane)

عازل مائي أكريليك

DESCRIPTION:

RICHPROOF - 5000 is a special Acrylic resin based water proof coating. Because of its excellent flexibility and thixotropic nature is an ideal for use on vertical as well as horizontal surfaces. It is single pack, very economical and pollution free water proof coating. Due to its color, it has excellent solar insulation capacity.

ADVANTAGES:

- Life and durability of the structure is increased.
- Easy application, no machinery required.
- Light weight compared to conventional roofing systems, thereby loading on the roofs is reduced.
- Provides seamless and joint free seal throughout the surface, which is impervious to water.
- Lower labor cost due to easy, simple and quick application, leading to quick completion and time saving.
- Provides insulation due to solar reflection.
- Excellent bonding to most building materials.
- It provide protective membrane for polyurethane foam insulation.

FIELD OF APPLICATION / USES:

- Water proofing of plaza, car park deck.
- Water proofing cum decorating of external plastered walls.
- Water proofing of new surfaces as well as for the repairs of old surface, whether previously treated or not.

Tel.: +971 6 5349 708
Fax : +971 6 534 9709
P.O. Box: 1463, Sharjah - U.A.E.
E-mail:sales@dubaiadhesive.com



- Suitable for horizontal as well as vertical surfaces like flashings.
- Water proofing of roof slabs, terraces, balconies, sun shades (chajjas), parapet walls, etc.
- Water proofing of flashing, roof edgings, gulleys, steeply pitched designs, etc.
- **RICHPROOF - 5000** provides additional water proofing and protection when used as base and/or intermediate coat in brick bat coba and/or IPS floorings.
- **RICHPROOF - 5000** is optimally suitable for application on structures having complicated geometry like domes, arches, shells, folded plates, paraboloids, corrugated sheets, etc.
- For garden, swimming pools, basement, sandwich application is recommended. For details, refer our technical department.

APPLICATION INSTRUCTIONS:

Surface should be free from oil, grease and loose particles. In case of metal surface, remove rust and contamination for better protection, If the surface has been already treated with asphalt or bitumen coatings or roofing's felts and any blisters, peel-off traces, loose layings, etc. must be cut away and be properly filled. Masonry joints must be flush jointed. In case of tiling the roof, terrace, balcony or sun shade, the joints between the tiles should be properly filled to avoid water penetration through the joints. Mix well the container. Apply primer coat of **RICHPROOF - 5000** i. e. 25% - 30% diluted with water by brush, spray or roller. After the primer coat is completely dried, apply minimum two coats of undiluted **RICHPROOF - 5000**. It is very important to ensure each coat is totally cured (i.e. 8 hours at 30°C) before the next coat is applied. For better result use **RICHPROOF 5000 GLASS FIBRE REINFORCING AGENT** embedded into first coat of **RICHPROOF - 5000** while still wet mainly expansion areas joints with parapet. All brushes and tools should be cleaned by water immediately after use. **RICHPROOF - 5000** can be diluted with water (5-10%) for easy application.

COVERAGE:

Coverage depend upon the nature of the surface to be applied. But on average, smooth surface will give First Coat - 900 gm/sq.mt. & 750 gm/sq.mt. (Second coat) Two coats will give 1.5 mm dry film thickness.

SAFETY:

Non-hazardous. If ingested, seek medical advice.

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STORAGE:

Minimum 12 months in unopened container. Store away from sunlight and preferably below 30°C.

PACKING:

RICHPROOF 5000 is available in 20 kg. pail, 200 kg. drum.

TECHNICAL DATA :

APPEARANCE	:	Thixotropic
SOLID CONTENT	:	60% ASTM C-836 , ASTM C 898
SPECIFIC GRAVITY	:	1.25 ± 0.1
THICKNESS COAT	:	Approximately 1.0 mm, DFT.
RE-COAT INTERNAL	:	6 – 8 Hours minimum.
SURFACE DRY TIME	:	6 Hours
FULL CURING TIME	:	48 Hours.
CRACKING	:	NONE
METHODS OF APPLICATION	:	Brush, Roller, Spray or Squeegee.



NOTE :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.

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