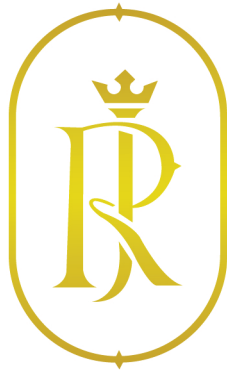




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TRADING



RATNAJYOT
General Trading Co LLC



FIIXO BITUMEN RBE - 10

RUBBERIZED ELASTOMERIC WATERPROOF COATING

DESCRIPTION

FIIXO BITUMEN RBE-10 is cold applied liquid waterproofing membrane, specially designed from a blend of special resin and rubber, reinforced with special water repelling fillers, minerals stabilizers.

APPLICATION AREAS

- Ideal waterproofing system for concrete roofs, polyurethane foam slabs, polyester built up roofs, maintenance of existing roofs, masonry and concrete walls, bathrooms, basements, bridges, decks, metal surfaces etc.
- Can be used as a sandwich membrane in new construction and as surface treatment on existing slabs.
- Waterproofing & Protective Coating on concrete foundations.
- As damp proof membrane in general construction.
- Waterproofing in wet areas such as toilets, kitchens etc.
- General vapor proof coating for interior - exterior floors & walls.

FEATURES

- **FIIXO BITUMEN RBE-10 is a single component.**
- Is a highly elastic product, and cures to a rubber like membrane capable of withstanding severe cases of expansion, contraction and deck movements.
- Highly resistant to oxidation, UV light and ozone because of unique additives used in compounding it. It does not crack.
- More durable than normal asphalt coating and lasts longer than most other coatings.
- Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping, and/or separation and a longer life.
- Has the unique property of adapting itself over the irregular contours of the deck and forming a waterproof and impervious blanket.
- Single component, cold applied requiring no mixing or heating; saves labor costs.
- Resistant against chloride and sulphate ions.
- Seamless / joint free application.

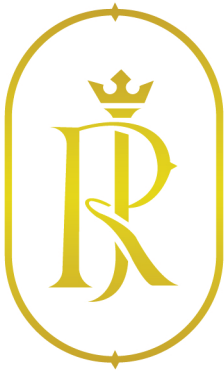
APPLICATION METHOD

APPLICATION INSTRUCTION

Application procedures may vary slightly depending upon site conditions. The general recommended guideline for the application of the bitumen coating system is as follows.

SURFACE PREPARATION

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil, grease. Light mechanical grinding/grit blasting/high pressure water jet may be used to clean the surface of all the contaminants depending on the degree of contamination on the surface to be coated.



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TECHNICAL DATA SHEET

All surface imperfections and protrusions shall be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

PRIMING

It is highly recommended to apply a priming coat prior to the application of the FIIXO BITUMEN RBE-10 coating on the substrate. The primer can be prepared in the site by diluting FIIXO BITUMEN RBE-10 with 20% water and applying this diluted coat as the primer. For very dry and porous substrates apply two coats of this primer. The primer can be applied to damp or freshly cast concrete surface also. However, it should not be applied on waterlogged or flowing water areas.

Further coats shall be applied only after the primer coat dries off completely. In case of delay in application of the top coat for more than 24 hours, a fresh coat of primer shall be re applied.

APPLICATION

Stir the contents of the drum thoroughly before application to remove all sediments. Depending on the dry film thickness required, apply the rubberized bitumen coating **@2-3m²/L/coat**.

On vertical areas, it is recommended to apply the coating in multiple layers to avoid sagging of the heavy bodied coating.

Subsequent coats shall be applied only after the previous coat dries off completely and shall be applied at right angles to the previous coat.

Clean dry sand may be broadcasted onto the wet coating to provide a key for the subsequent coats and achieve a greater dry film thickness.

NOTE : - Care shall be taken to ensure that the first coat is not punctured during the application of the second coat. However, if the coating is damaged, the area can be readily over coated provided the surface preparation is done properly.

The coating should be applied and finished upto the DpC level. If a plaster or cement render is to be applied on the bitumen coated surface, clean dry sand shall be broadcasted on to the coating whilst it is still wet.

CURING

Leave the coating for curing for a minimum period of 48 hours before applying any protection board or backfilling.

Coating laid on horizontal surfaces can be protected either by a cement sand screed (50mm thick) or by an asphaltic protection board. Alternatively, a 1000 gauge polythene sheet can also be used for protecting the coating in areas where the backfill material is not very coarse.



TECHNICAL DATA SHEET

TECHNICAL SPECIFICATIONS

Color	Dark Brown Liquid
Specific Gravity	1.0± 0.05
Solid Content	60±5 %
Rubber Content	>10 %.
Elongation	>500
Drying time @ 25°C	60 minutes
Application temperature, [°C]	5 to 55°C
Service temperature, [°C]	-5 to 100°C

COVERAGE

The rate will depend on the porosity of the substrate. The following coverage rates can be expected when the coating applied at different coverage rates: **2 - 3m²/L/coat.**

PACKING

Available in 5kg, 20kg Bucket.
Same also the kg in the drum 140 and 200.

SHELF LIFE

12 months if kept in original, unopened packing.



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