

ROSCO-COMPOUND

INRODUCTION

ROSCO-COMPOUND: it is bitumine based mastic compound acid resisting grade ,which is used as an underlay for acid proof bricks & tiles or stones as acts as an impervious membrane .the membrane is last line of defense which protect the sub floor and its structural supports from corrosive attack . No brick / tile floor , no metter how well constructed or made for what ever material . with stand forever without experiencing seepage caused due to braekage or crakes . Good construction good material will hold t his seepage to a minimum but it is inevitable s that some seepage will occur .Hence , it is a job mastic membrane prevent this seepage from reaching the sub -floor .Hence ,the membrane must be corrosion resistant ,continues , impervious and elastic enough absorb shock and should be thick enough prevent acids ,alkalis and further penetration .

The membrane work also liking layer for ceramic tiles / bricks and mortar while increasing the adhesive property .

ROSCO-COMPOUND: available in powder from .

Surface preparation

In the case of floors, the concrete should be smooth (once over steel trowel finish) and brought to grade .pitched properly drain and bee free of high or low spots .The surface should be carefully brushed remove all loose dirt &holes and the pits should be filled .The concrete should be dry

The wall should carefully inspected so as to be certain that there are no weal spots .cavities or creaks .Any such weal spots cavities or creaks should be carefully filled before the lining is done .All loose particles should be removed and surface should be smooth and dry

Priming : after the concrete surface of the floor /tank has been prepared as describe above ,it is thoroughly coated with two coats of RC primer which is applied by brush

Packing : 50 kg.

Self life : Unlimited , when stored under shed .

Now :- Salt – Acid – Alkalies –Solvents –Corrosion –Temp.-Dirst:-(No Entry)

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Preparation

ROSCO-COMPOUND: should be melted in cast iron pots over wood charcoal ,gas or oil burners . in melting damage to the membrane oaxe and put the pieces into the heating kettles .heat until free flowing material is obtained .it is then ready for laying work. In case of floor the molten compound is poured hot on the floor using a squeegee or strait edged wood float and screeded to an even layer .apply it at the rate of the 10 to 12 kgs / meter order obtain about 5-6 mm thickness . Care should be taken to make sure that there are no pin holes and all the floor evenly covered . Holes low spots may be marked with a chalk a second application compound laid over them .

At no stage during the re- melting mixing process , shall the temperature exceed 205⁰ C.the surrounding area should not contain other inflammable product the surface should be smoothen heating. Using a flame of below lamp and finished off by squeegee or smoothing masonry tools.

Triple Layer Membrane

An impervious triple layer membrane has been developed especially for extraordinary protection of concrete tank against attack of Nitric, Chromic ,Sulphuric ,Hydrochloric, &phosphoric acid it is further protected mechanical damage and excessive temperature by brick lining joined with acid proof cement .

Firstly two coat of RC primer are applied then a layer of 5 mm thk

ROSCO-COMPOUND:: is applied as mentioned above then layer of compound impregnated glass clothed is pressed over the compound surface , lap section of glass cloth to obtain 11/2 " wide lap joints. The glass clothe has lose weave which allow the not compound to squeegee through and bond to the previous layer .Now again apply 5mm layer of the **ROSCO-COMPOUND:** to have the total thickness of 12mm The glass cloth reinforces the **ROSCO-COMPOUND:** and prevents membrane from expression and contraction of either the acid proof bricks lining or the concrete tank,

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