



Anti Corrosive Mortars for Surface Protection

KOROMASTIC

Bitumen Stamping Compound

TECHNICAL INFORMATION SHEET

Anti Corrosive Bitumen Mastic for protection to ETP Tanks, Floors, Drains, etc.

General:

Koromastic is a bitumastic compound consisting of selected acid resistant siliceous fillers and air blown bitumen conforming to IS 9510. It is supplied in the form of solid cakes and is resistant to most acids, alkalies of dilute concentration and salts.

Koromastic when heated forms a butter-like mass which can be trowelled on to concrete in single and multiple layers, varying in total thickness from 6mm to 25mm approximately. Before applying it is advisable to prime the surface with one coat of Koro MC Bitumen Primer.

Field of Application:

Koromastic is employed as an unprotected surface for corrosion resistant floors where traffic is light or non-existent. It is employed as an interliner membrane to storage and process tanks, followed by A.R. Brick Lining set in appropriate cements. It is also useful as an underlay membrane to floors, channel linings, manholes, sumps etc., mechanical protection being achieved by brickwork set in appropriate cements.

Prerequisite of Concrete Surface:

Concrete Surface shall be sound in construction free from cracks, pot holes, honey combs etc. The concrete should be cured as per for minimum of 28 days and the surface shall be dry, clean, even, true to plumb and provided with necessary slope.

Instruction for Use :

Koro MC Mastic can be melted in a tar or asphalt boiler and heated. Alternatively, longitudinally cut MS Drums can also be used. During heating Koromastic should be continuously be stirred and kept in motion until it is melted to a uniform black semi solid butter like mass consistency. The approximate temperature of the molten mass is 200°C

The surfaces on which Koromastic is to be applied should be dried and cleaned. A coat of Koro MC Primer is applied by brush..

The molten mass is then applied on the primed surface and worked till it forms a continuous, non-porous and even layer. Good workmanship is required in applying Koromastic.

Physical Data

Bitumen Content in Mastic	13% to 18%
% of Aggregate in Mastic	82 % to 87%
Acid Resistance wt Change	+/_ 1%
Temperature limit	40°C for exposed Koromastic 50°C where protected behind brickwork
Shelf-life	Unlimited

N.B.: The information given in this leaflet is based on results gained from the experience and test. However, all recommendations and suggestions are made without any guarantee as the conditions of use are beyond our control.

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KORO MC
Bitumen Primer
TECHNICAL INFORMATION SHEET

Anti Corrosive Bitumen Primer for Concrete Surfaces.

General :

Koro MC Primer is a air curing bituminous based corrosion-resisting black paint.

Field of Application :

As an anti-corrosive paint on steel/ Concrete structures for rust prevention. It can be used also for coating and priming of concrete surfaces.

It is applied as a primer coat on clean , dry concrete surface prior to application of Koromastic to achieve excellent adhesion.

Chemical Resistance:

It is resistant to splashes and fumes of most inorganic acids of dilute or moderate strengths and to most alkalis. It should not be used with oxidizing acids or oils, solvents, fats, etc.

Instructions for Use:

Koro MC Primer can be applied either by brushing or spraying apparatus on dry well-cleaned dust and rust-free surfaces.

Prerequisite of Concrete Surface:

Concrete Surface shall be sound in construction free from cracks, pot holes, honey combs etc. The concrete should be cured as per for minimum of 28 days and the surface shall be clean and dry at the time of primer application.

Consumption:

Average depends on the types and porosity of surface being primed. In most cases for one coat, approximately

Physical Data:

Colour	Black
Form	Liquid
Density	0.85 gm/cc
Resistance to Water	No Effect
Water Content	0.5% Max.

Storage:

Koro MC Primer contains some volatile and toxic solvent and hence inflammable. Cans should be stored in a cool & dry place not exposed to sunlight.

Shelf Life:

Koro MC Primer has a shelf life of 12months when stored in sealed containers.

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