



# COROMASTIC

## DESCRIPTION

COROMASTIC is a bitumastic compound. It consists of selected acid resistant siliceous fillers and bitumen, blended homogeneously to form a butter like consistent mastic.

## USE

COROMASTIC is employed as an exposed lining for corrosion resistant floors where traffic is light or non-existent. It is employed as an impermeable chemical resistant membrane on floors, channels, manholes, sumps etc., which are constructed out of concrete and brick masonry. COROMASTIC is used on vertical surfaces upto 600 mm height.

This is used in different industries like Dyes, Pigments, Chemicals, Automobiles, Petroleum and Petrochemicals, Fertilizers, Sulphuric, Phosphoric Acid plants etc.

## PHYSICAL DATA

Colour	Black
Specific gravity	2.0 – 2.1

## PROPERTIES

Softening Point (R & B Method) (°C)	135 – 155
Penetration	1 – 2
Temperature resistance, When used as	
(i) exposed lining, °C, max.	35
(ii) membrane behind acid proof brick lining °C, max.	50

## APPLICATION INSTRUCTIONS

The concrete floor should have minimum of 1-2% slope to ensure draining of spilled liquids.

PRODORLAC / PRODORLAC SPL is applied on the dry, even concrete before application of COROMASTIC. (See PRODORLAC / PRODORLAC SPL literature for surface preparation).

## APPLICATION

The area to be covered using COROMASTIC should be divided into convenient number of bays. Wooden reapers of thickness equal to the required mastic thickness is used for maintaining uniform thickness.

## Melting

The mastic is broken into small pieces and placed in a tar/asphalt boiler and heated. To avoid charring of mastic, the material is kept in motion using a wooden plank. When a butter like consistency is achieved at a temperature of 200-220°C, the mastic is taken out from the boiler and spread on the surface till a continuous non-porous even layer is achieved. Wooden float is used for attaining a smooth surface.

**Note:** It is not desirable to achieve slope using mastic. During concreting stage itself, slope should be provided.

## CHEMICAL RESISTANCE

COROMASTIC is suitable for mild mineral acids. It is resistant to alkalis and salt solutions.

It is not suitable for organic, inorganic and oxidising acids. COROMASTIC is not recommended for solvents. For specific chemical

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conditions, please contact our Technical Services Dept.

## PACKING

COROMASTIC is supplied as loose cakes of approximately 16 - 18 kgs each. Gunny packing is necessary when supplied and transported as small lots, along with other grades of mastics.

## STORAGE & SHELF LIFE

COROMASTIC should not be exposed to heat. It is preferable to keep it under the shade and it has a shelf life of minimum 12 months at ambient temperature.

## HEALTH & SAFETY

Molten mastic must be handled carefully. Contact with skin should be avoided. Use of hand gloves and gum boots are recommended while handling molten COROMASTIC.

## ADDITIONAL INFORMATION

CUMI-PRODORITE also supplies other acid, alkali and chemical resistant brick / tile linings, Rubber linings, Polymer concrete products, Construction chemicals like concrete repair and rehabilitation products including protective coatings, epoxy and polyurethane coatings and floor toppings, Chemical storage tanks, vessels, scrubbers, pipes and fittings, other custom-built items in FRP, PP-FRP, PVC-FRP & PVDF-FRP, FRP Gratings, etc.

## WARRANTY

Whilst Carborundum Universal Ltd. strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered.

## CARBORUNDUM UNIVERSAL LIMITED

CERAMICS DIVISION

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