



WATERPROOF COATING ON RCC ROOF



WATERPROOF COATING ON METAL ROOF

# RUF COAT FLEXI

Acrylic based Elastomeric, Waterproof & Anti Carbonation Coating

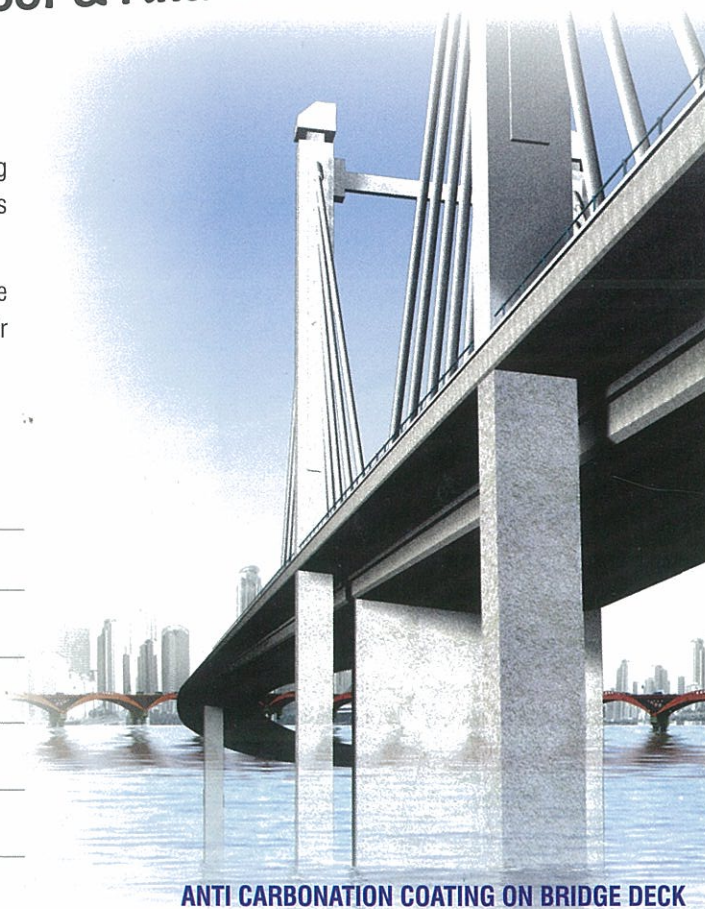
## INTRODUCTION

**RUF COAT FLEXI** is a ready to use aliphatic acrylic based flexible Waterproofing and Anti Carbonation coating for roof, wall and all other concrete surfaces. It is formulated with a blend of high performance polymer emulsion, fillers etc.

**RUF COAT FLEXI** protects surfaces from the ingress of water and stops the passage of water vapour. It is an effective barrier against carbon dioxide gas and air borne chlorides causing corrosion of steel and spalling of concrete.

## ADVANTAGES OF RUF COAT FLEXI

- Single component and easy to apply by brush / spray / roller
- Excellent waterproofing / weathering properties
- Protects concrete against chloride ingress
- Stable over a wide range of temperature variation
- Non toxic and environment friendly product
- Allows surface to breath
- Good durability and weatherability
- Suitable for all types of roof, exterior wall and concrete structures
- Highly elastomeric, up to 2.0mm live crack accommodation
- Excellent CO<sub>2</sub> diffusion resistance
- Excellent opacity & U V Resistance
- High adhesive power to all types of surfaces like Metal, China Mosaic, AC Sheet, Concrete etc.





## WHERE USED?

- RUFCOAT FLEXI is used as waterproofing & protective coating on Flat and Slopping Terrace, China Mosaic Roof, Old cementitious waterproofing treatment, Metal profile & Asbestos Roofs as well as light weight and exposed concrete surfaces having a risk of cracking.
- RUFCOAT FLEXI as an Anti carbonation and protective coating is used in car park decks, on underpasses, concrete bridge decks, and all other concrete structures which are exposed to carbon-dioxide gas & water.

## APPLICATION OF RUFCOAT FLEXI

### Surface Preparation

- Clean the surface by removing dust, dirt, moss, oil / grease, loose cement laitance etc. from the concrete.
- Repair Cracks, Potholes, Tile Joints, unsound portion and level the undulation in surface with cement mortar mixed using our CONBOND-A.
- For Metal roof remove all rust scales, loose paints etc by wire brushing and replace damaged sheet. Apply our RUSTRIP-Rust convertor on the rusted area and allow it to dry.

### Priming

- Dilute 1 part RUFCOAT PRIMER with 1 part potable water & apply it by brush or spray. Allow it to dry.

### Coating Application

- Apply first coat of RUFCOAT FLEXI at coverage rate of 1 kg. per 2 to 3 Sq.mtr of an area.
- Apply second coat of RUFCOAT FLEXI of the same coverage rate while the first coat has dried.
- While using as an Anti carbonation coating dilute 1 part of RUFCOAT FLEXI with 15% of clean water and apply at a rate of 1Kg per 4-5 Sq.mtr of an area with a DFT of 200 to 300 microns. The second coat is applied at the same rate.
- While applying by airless spray gun, dilute RUFCOAT FLEXI with 10%-15% water to reduce the viscosity of the paint.
- Allow the coated surface to air cure for 7 Days.

## COVERAGE

- 1 Kg. of RUFCOAT PRIMER will cover approximate 12-15 Sq.mtr of an area\*.
- 1 Kg. of RUFCOAT FLEXI will cover approximate 2-3 Sq.mtr of an area\*.

\* Coverage depends upon the porosity and type of the surface.

## PACKING

- Available in 5 Kg & 20 Kg pail.

## STORAGE & SHELF LIFE

- The pails must be stored in a covered area, away from direct Sunlight. Shelf life of the product is up to 12 months if stored as per recommendations.

## PRECAUTION

- RUFCOAT FLEXI coating is resistant to light traffic only. It will be damaged when opened to heavy traffic, pointed heel shoes, furniture etc. In this case the treatment should be covered with tiles or cement plastered.
- Do not apply in direct Sunlight & during rain.

**Note:** Whilst any information and/or specification contain herein are to the best of our knowledge true & accurate. No warranty is given or implied in connection with recommendation or suggestion made by us as we do not have any direct control over it's application.

## TECHNICAL DATA

PROPERTIES	TYPICAL VALUE
Solid Contents	: 64 (+/-) %
Viscosity	: 94 KU
Density Kg/L	: 1.30 (+/-0.05)
Application Temperature	: + 5 to 40°C
PS	: 9-10
Elongation at break	: %350



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