



# ARCOY INDUSTRIES (INDIA) PVT. LTD.

Your partners in corrosion prevention



## ARCOAT

HIGH BUILD SOLVENTLESS EPOXY ACID, ALKALI RESISTANT COATING



### INTRODUCTION

**ARCOAT** is a two pack epoxy polyamine cured solventless epoxy coating with very high chemical resistance for metallic as well as concrete surfaces.

### CHARACTERISTICS

- Provides a hard, smooth and tough impermeable barrier against attack of corrosive ions over a PH range 1 to 14.
- Excellent adhesion on steel and concrete surfaces.
- Excellent chemical resistance ( i.e. acid, alkali, solvents etc.)
- Low maintenance & ease of repairability.
- Excellent hardness and good flexibility.
- Recommended for off shore platforms, aqueous and severe chemical corrosive environments, structure coating situated in aggressive environments etc.
- Excellent erosion & abrasion resistance.
- Approved for food grade quality and can be suitably used for coating substrates coming in contact with food.

**CORROSION  
NO ENTRY**

### TECHNICAL DATA

Base : **Solventless epoxy resin filled with speciality additives, anti-corrosive pigments & corrosion inhibitors**

Hardener : **Polyamine based**

Colour availability : **All colours available**

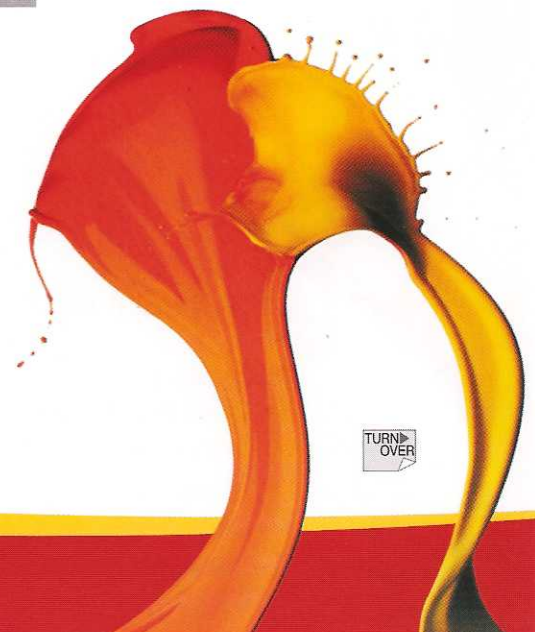
Volume Solids : **100%**

Specific Gravity at 25<sup>0</sup>C : **1.30 - 1.40 gm / cc**

Dry Film Thickness (DFT) : **120 - 135 microns / coat**

INDUSTRIAL & MARINE COATINGS

A name in the making of Colours & Coatings



TURN  
OVER



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### TECHNICAL DATA

- Temperature resistance : **95°C**  
Mixing Ratio (Base to Hardener) : **4 : 1** (By volume)  
Coverage : **4 - 5 sq. mtr. / ltr. / coat**  
(This may vary depending upon environmental conditions, work schedule & skills of applicator)  
Cure : **Tack free 10 hours at 25°C**  
**Full cure 7 days**  
Over coating time : **After tack free**  
Shelf life : **1 year** (storage below 25°C)

### APPLICATION DETAILS

#### Surface Preparation :

SA 2.5 / ISO 2501 / SSPC SP-10 / NACE 2

(It covers the requirement of near white blast cleaning of metal surface by the use of abrasives)

For concrete surfaces it should be free of loose lattice. Moisture in concrete < 10%. Degreasing is done to remove oil & grease.

**Environmental Conditions :** Relative humidity < 85% • Atmospheric Temperature > 15°C

**Cleaning Solvent :** CT - 1

**Thinner :** Thinner should not be used. It will adversely affect performance of coating.

**P.S. :** Chemical resistance data is available on request.



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For any further information, please contact our technical cell at the below mentioned address:

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