



ARCOY INDUSTRIES (INDIA) PVT. LTD.

Your partners in corrosion prevention



ARCOLITE

STRUCTURAL AND ACID, ALKALI RESISTING COATING COMPOUND



INTRODUCTION

ARCOLITE is a two component solvent based high-build epoxy coating, which has excellent corrosion, chemical, water & salt water resistance, having corrosion inhibitors, anti-corrosive pigments and speciality additives.

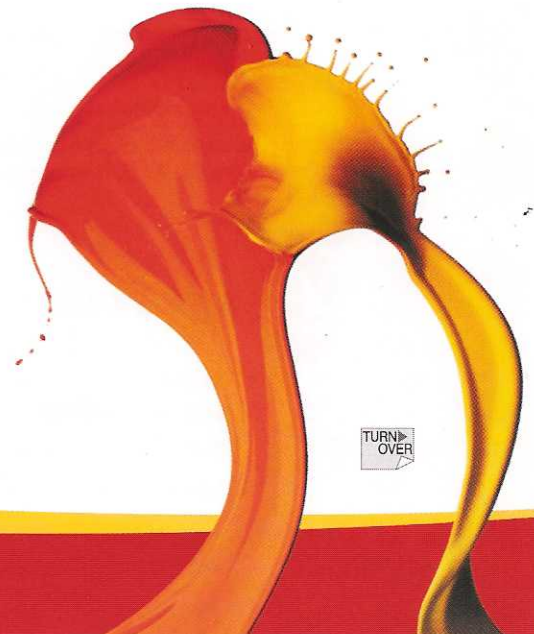
CHARACTERISTICS

- Cures by chemical action to a tough film.
- Excellent adhesion to steel, concrete, wood and other surfaces.
- Films retain flexibility, which prevents cracking, chipping or peeling.
- Excellent resistance to alkalis, acids, solvents, oil and grease.
- Does not soften at temperatures up to 95⁰C.
- Can be applied by brush to give a dry film thickness of 75 - 100 microns per coat.

**CORROSION
NO ENTRY**

TECHNICAL DATA

Volume Solids :	70 - 75%
Density at 25 ⁰ C :	1.10 - 1.30 gm / cm³
Mixing Ratio (Base to Hardener) :	4 : 1 (By Volume)
Pot Life at 25 ⁰ C :	45 - 60 minutes
Tack free at 25 ⁰ C :	6 - 8 hrs.
Further workability :	After tack free
Complete Hardness at 25 ⁰ C :	After 7 days
Dry Film Thickness (DFT) :	75 - 100 microns / coat
Coverage :	7 - 8 sq. mtr. / ltr. / coat
Shelf life :	12 months



TURN
OVER

INDUSTRIAL & MARINE COATINGS

A name in the making of Colours & Coatings

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APPLICATION DETAILS

ARCOLITE is a special coating material for protecting metal as well as concrete surfaces. Processing equipments and structures against corrosive fumes and splash or in submerged service.

Surface preparation :

CONCRETE : The concrete surfaces must be thoroughly cleaned by means of wire / soft brushes to remove all loose particles, dust, dirt etc.

METAL : Abrasion blasting like sand / shot / grit blasting is recommended to achieve a surface upto Sa 2½ specifications SSPC SP - 10 i.e. to near white metal.

Degreasing is done to remove oil and greases. Organic solvents, alkaline solutions, steam, hot water, detergents will completely remove greasy substances.

The surface must be absolutely dry.

Application : It can be applied by brush or by conventional spraying equipment.

Packaging : It can be made available in various sizes.

CHEMICAL RESISTANCE DATA

ARCOLITE has excellent resistance to the following chemicals & temperatures up to 95°C.

Hydrochloric Acid (20%)	Aluminium Chloride (10%)
Nitric Acid (05%)	Butyl Alcohol (10%)
Sulphuric Acid (05%)	Ethyl Alcohol (10%)
Phosphoric Acid (05%)	Glycerol (10%)
Sodium Hydroxide (10%)	Copper Sulphate (20%)
Potassium Hydroxide (10%)	Nickel Sulphate (20%)
Sodium Carbonate (10%)	Zinc Chloride (10%)
Sodium Bicarbonate (10%)	Zinc Sulphate (10%)
Sodium Sulphate (10%)	Zinc Nitrate (10%)
Sodium Chloride (10%)	Copper Chloride (10%)
Potassium Chloride (20%)	Barium Hydroxide (05%)
Potassium Carbonate (10%)	Barium Chloride (05%)
Aluminium Sulphate (10%)	Sodium Jhid Cyanate (20%)

P.S. : The resistant chart above should be used as guide only. The technical data is considered at normal room temperature i.e. 25°C, it would vary as per the site conditions.



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