

## Technical Data Sheet

Date of Issue: 1<sup>st</sup> Jan 2021

Page 1 of 3

### Product Name: RELINFORCE Surface Shield IV AM

Epoxy coating system for chemical resistance industrial coating and high aesthetic applications.

### Description

*RELINFORCE Surface Shield IV AM* is a low viscosity, solvent free & pigmented Epoxy coating system that provides excellent aesthetic appearance as well as chemical resistance fiber glass protective coatings in industrial and construction applications.

### Application Areas

- Solvent free clear epoxy suitable for protecting concrete and steel surfaces from water, abrasion and wide range of chemicals
- Waterproofing and for general purpose coating in construction and various industrial applications
- Intermediate coatings – offshore, industrial, marine, pipeline, automotive tanks etc.
- Protective coating system for construction and various industrial applications.
- Can be used as Outdoor coating in conjunction with *RELINFORCE Surface Shield EP TC*.

### Features & Benefits

- High adhesion to metal & concrete surfaces
- Solvent free
- Adequate application time
- Available in selected colors only
- Provides better aesthetic appearance

### Component Details & Properties

	Part A	Part B	Mixed
<b>Appearance</b>	Pigmented* Liquid	Clear Liquid	Pigmented* Liquid
<b>Mixing Ratio</b>	100	60	
<b>Pot Life, 100 g mix mass @ 23°C</b>			120 – 160 min
<b>Cure Time(hrs), Dust Dry</b>			24 hrs @ 25 °C 16 hrs @ 35 °C
<b>Chemical Resistance (Hrs)</b>			168 hrs @ 25 °C 72 hrs @ 35 °C
<b>Coverage (150-170 Microns DFT)</b>			3 – 4 Sqm. Per kg

*Note: Ambient Temperature will affect the Pot life of the Product & is inversely related.*

*\*Various RAL shades can be supplied upon request and availability.*

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Date of Issue: 1<sup>st</sup> Jan 2021

Page 2 of 3

### Surface Preparation & Application

- Surface to be clean of Oil, Grease, dust & any other material which will affect the adhesion.
- Appropriate Methodology to be adopted to achieve sound substrate for application of product.
- Apply the mix material over the substrate using appropriate means to seal the surface pores to ensure proper bonding of the overlay system. Apply 1-2 coats depending on the gloss requirements

### Packaging Size

- Part A : 10.0 Kg
- Part B : 6.0 Kg

### Shelf Life

- Part A : 24 Months
- Part B : 24 Months

### Storage Condition

- Material to be stored in cool dry place
- To be kept in shade with no direct sunlight

### Health & Safety Hazard Condition

Please refer to MSDS for detailed information on the health & safety hazard while using the product.

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Date of Issue: 1<sup>st</sup> Jan 2021

Page 3 of 3

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