

**DESCRIPTION**

Induscoat® EP MIO Primer is a high build epoxy coating with micaceous iron oxide (MIO) with Titanium Dioxide (TiO<sub>2</sub>) designed for application on structural steel. It can be used as an intermediate or finish coat in epoxy system. It has high abrasion resistance. The coating has excellent water impermeability and can be over coated even after months of exposure.

**CHARACTERISTICS**

- Suitable for application as a priming intermediate coat on structural steel.
- Application includes ship loaders, hoppers, conveyors, silos, storage tanks, pipelines and general structures in fertilizer plants, refineries, petrochemicals, engineering industries etc
- High abrasion resistance

**TECHNICAL DATA**

Type	Two pack epoxy cured with polyamide. Contains Epoxy resin, with MIO and pigments
Pot life	3-4 Hours after mixing at 30-35°C
Touch Dry	4-6 hours at 30-35°C
Handle Dry	7-8 hours at 30-35°C
Hard Dry	24 hours at 30-35°C
Mixing Ratio	4:1 by volume
Recommended DFT	100-110 µm
Theoretical Coverage	6 m <sup>2</sup> /Litre
Color	Reddish grey, egg shell
Volume Solids	80% ±2
Shelf Life	12 months when stored in cool & dry place
Pack Size	20 litres

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience.

As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part.

This technical data sheet supersedes all previous editions relevant to this product.



**DESCRIPTION**

Induscoat® EP Zinc Rich Primer is a two pack epoxy primer with metallic zinc. The primer provides outstanding performance on sand/shot blasted steel against corrosion. It has good chemical resistance. It can be over coated with intermediate or finish coat. It is used as a shop primer for bare steel on new construction or major repair projects, & as a field maintenance primer over bare metal or steel coated with organic or inorganic primers.

**CHARACTERISTICS**

- Provides maximum protection as part of any anti-corrosive coating system
- Based on cathodic protection technology
- 80% zinc content in dry film

**TECHNICAL DATA**

Type	Two pack epoxy cured with polyamide. Contains zinc metal and suitable pigments
Pot life	4-6 hours after mixing at 30-35°C
Touch Dry	4 hours after application
Handle Dry	6-8 hours after application
Hard Dry	Overnight
Curing time	6 days at 30-35°C
Mixing Ratio	4:1 by volume
Recommended DFT	70 µm
Theoretical Coverage	9 m <sup>2</sup> /Litre
Color	Grey
Volume Solids	60% ±2
Shelf Life	12 months when stored in cool & dry place
Pack Size	20 litres

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**DESCRIPTION**

Induscoat® high solids PU is an interior/exterior two component, high solids aliphatic polyurethane system for use on properly primed steel and masonry substrates. It is designed for high DFT in single coat applications. The finish produced is semi glossy.

**CHARACTERISTICS**

- 70 µmin single coat application
- Good/excellent resistance to corrosion
- Excellent color and gloss retention
- For use over prepared surfaces of industrial environments such as Power Plants, Structural Steel, Marine, Refineries, etc
- Quick drying

**TECHNICAL DATA**

Type and composition	A two-component, aliphatic, acrylic polyurethane resin coating
Working Time	2 hours at 30-35°C
Touch dry at 30°C(minimum)	1 hour
Hard dry at 30°C(maximum)	5 Days
Over coating interval (max)	Min: 6 hrs, Max: unlimited
DFT	70-75µm
Gloss retention* Level 2 (after minimum 1000 hrs)	Gloss loss less than 30
Colour change	Less than 2.0 dE
Temperature Resistance (min)	80°C
Mixing Ratio	4:1 by volume
Volume Solids	74% ± 2%
Theoretical covering capacity in /coat/ litre	10.5 m² at 70 µm
Finish	Semi glossy
Color	Grey, Red, and a wide range of other colors available on request
Shelf Life	12 months when stored in a cool & dry place
Pack Size	20 liters. Bulk packing also available on request

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**DESCRIPTION**

Induscoat® Epsealer is a two component, high performance, clear and fast drying sealer suitable for overcoating after extended period of weathering. It also has high temperature resistance making it suitable for a wide range of applications.

**CHARACTERISTICS**

- Fast drying
- Excellent temperature resistance upto 120 °C
- For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

**TECHNICAL DATA**

Type	Two-component transparent polyamide cured epoxy sealer coating
Working Time	8 hours at 30-35°C
Touch dry at 30°C(min.)	1 hour
Hard dry at 30°C(min.)	7 hours
Over coating interval	Min 4 hrs
Mixing Ratio	4:1 by volume
Volume Solids	40% ± 2% (ASTM D 2697-03)
Typical DFT	30-50 µm
Pot life at 30°C for two component paints	8-9 hrs
Theoretical covering capacity in	8 m²/liter at 50 µm
Finish	semi-glossy
Shelf Life	12 months when stored in a cool & dry place
Pack Size	20 liters. Bulk packing also available on request
Temperature Resistance	120°C

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**DESCRIPTION**

Induscoat® EP Phenolic Coating is a two component, highly cross linked coating intended to be used as an intermediate layer. It is chemically resistant and has high solids formulation. Suitable for industrial applications to provide protection from corrosion, acid, alkalis for internals of tanks, vessels, chimneys, pipes etc.

**CHARACTERISTICS**

- Excellent chemical resistance
- High solids formulation
- High chemical resistance

**TECHNICAL DATA**

Type and composition	Two-component epoxy phenolic coating
Working Time	2 hours at 30-35°C
Touch dry at 30°C (min)	2-3 hours
Hard dry at 30°C (max)	3 days
Over coating interval (max)	Min: 6 hrs, Max: 7 days
Mixing Ratio	4:1 by volume
Volume Solids	63% (ASTM D 2697-03)
DFT (Dry Film thickness)	100-125 µm
Temperature Resistance	Up to 60°C
in immersed condition	
Under insulation	
Theoretical covering capacity	6.3 to 6.5 m <sup>2</sup> /l at 100 µm
Finish	Glossy, 90+ units @ 60°
Color	Grey, Red, and a wide range of other colors available on request
Shelf Life	12 months when stored in a cool & dry place
Pack Size	20 liters. Bulk packing also available on request

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**DESCRIPTION**

Induscoat® Aliphatic PU Finish is an interior/exterior two component, aliphatic polyurethane system for use on properly primed steel and masonry substrates. It is designed for use in industrial environments and can be easily applied by brush, roll or spray.

**CHARACTERISTICS**

- Ideal for interior as well as exterior applications
- Excellent color and gloss retention
- For use over prepared surfaces of industrial environments such as Power Plants, Structural Steel, Marine, Refineries, etc
- Quick drying
- Available in multiple colors

**TECHNICAL DATA**

Type and composition	Two-pack aliphatic Iso cyanate cured acrylic finish paint
Working Time	2 hours at 30-35°C
Touch dry at 30°C(minimum)	1 hour
Hard dry at 30°C(maximum)	5 Days
Over coating interval (max)	Min: 6 hrs, Max: unlimited
DFT	40-50µm
Gloss retention* Level 2 (after minimum 1000 hrs)	Gloss loss less than 30
Colour change	Less than 2.0 DeltaE
Temperature Resistance (min)	80°C
Mixing Ratio	4:1 by volume
Volume Solids	55% ± 2%
Theoretical covering capacity in /coat/ litre	14 m <sup>2</sup> at 40 µm
Finish	Glossy
Color	Grey, Red, and a wide range of other colors available on request
Shelf Life	12 months when stored in a cool & dry place
Pack Size	20 liters. Bulk packing also available on request

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