

MIPROGLASS 101 I

Isophthalic Resin base Glass Flake Filled Coating



CHEMIPROTECT ENGINEERS

ABRASION & CORROSION ENGINEERS

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DESCRIPTION

The coating system is based on Isophthalic Resin, filled with inert C class glass flake in graded particle size with very special additives to provide maximum corrosion resistance properties. It can be applied in thickness of 750 microns to 1000 microns.

This system for coating/tank lining system is formulated to offer excellent resistance to most corrosive chemicals used in process industries.

MIPROGLASS 101 I coating will withstand gas temperatures up to 100 C, and can be used in immersion service at ambient temperatures.

All the MIPROGLASS 101 I series coatings can be applied by brush or by spray, they are approx. 95 to 100% solids, and cure at ambient temperature. The recommended thickness is approx. 400-500 microns and this is obtained in one primer and two to four coats depending on different application environment.

CHEMICAL RESISTANCE

For information on the chemical resistance of each of these grades please contact CHEMIPROTECT ENGINEERS Corrosion Resistance guide.

PRACTICAL COVERAGE

COMPONENT QUANTITY REQUIRED PER SQUARE METER

MIPROGLASS-VE PRIMER Approx. 0.20 Kg. (one coat)

MIPROGLASS 101 I Approx. 0.750 Kg. (two or more coats)

CLEANER As required Consumption may vary depending upon surface roughness, porosity, application method etc.



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TECHNICAL SPECIFICATION

Compressive Strength	40 N/mm ²
Tensile Strength	12 N/mm ²
Flexural Strength	20 N/mm ²
Abrasion Resistance – Taber (CS-17 Wheel)	0.25 gm/1000gm.loading / 1000 rpm
Bond Strength to steel	6 Mpa
Temperature Resistance	60 TO 100°C (dry)
Hardness (Shore D)	30
Solid Content	(mixed) 95 %
No. of Coats Recommended	2 TO 3
Mixing Ratio	100 to 1.5 to 2 by weight A:B
Density	1.2
Pot Life	20 minutes @. 25°C
Packaging	5 Kgs, 30 Kgs.

Pot Life

Storage & Shelf Life Unopened in dry conditions 10C – 25C /12 months in unopened container

COLOURS

The standard colors available are Gray, off white, but other colors are available to special order.

APPLICATION & SAFETY

Please request Surface Preparation and Installation Data sheets for specific advice

