

# MIPROGLASS 101 SV

Glass Flake Filled Novalc Epoxy Vinyl Ester Resin Coating/ Lining



MIPROGLASS 101 SV

## DESCRIPTION

MIPROGLASS 101 SV is a 750 to 1000 microns thick coating/lining system based on high grade novolac vinyl ester resin. It is cured with a peroxide-based curing agent for highest chemical resistance, as well as high chemical resistant glass flake fillers for reduced permeation. It is specifically formulated to be applied by spray/brush/roller in two or more coats of 300-to-400-micron thickness per coat for a total coating/lining thickness of 1000 micron thickness.

## AREAS OF USE

MIPROGLASS 101 SV can be used as a concrete & steel coating/lining, within its chemical resistance limits, against protection of chemical splash and spillage. For indoor and exterior applications. Most suitable application as a secondary containment lining. Immersion service as a tank lining within chemical and thermal limitations MIPROGLASS 101 SV is suitable as an internal lining to protect ductwork, stacks, and associated air pollution control and flue gas conveying equipment from corrosive acids and fumes.

MIPROGLASS 101 SV is designed for thick build applications using industrial by spray equipment - either airless spray or plural component equipment. It can also be applied by roller and/or brush.

## OUTSTANDING FEATURES

- MIPROGLASS 101 SV is ideal for high build film coating in a single pass when using industrial spray equipment. It can be applied in a thick film in a single coat result in lower labour costs for a heavy film build lining.
- MIPROGLASS 101 SV is high chemical resistant glass flake filled, resulting in significantly improved permeation ratings compared to non-flake filled systems.
- Excellent resistance to acids, alkalis, oxidizers, and solvents.



**CHEMIPROTECT**

A CHALLENGE TO CORROSION

Plot No. 2114, Phase-3, GIDC Estate, Vatva, Ahmedabad-382445, INDIA

Tel: +91-79-48002236, 9054296619

Email: [info@chemiprotectengineers.com](mailto:info@chemiprotectengineers.com) [chemiprotect@gmail.com](mailto:chemiprotect@gmail.com)

# MIPROGLASS 101 SV

Glass Flake Filled Novalc Epoxy Vinyl Ester Resin Coating/ Lining



## TYPICAL PHYSICAL PROPERTIES

PROPERTY	MIPROGLASS 101 SV
Color	Off White & Grey
Primer	For Concrete & Steel: MIPROGLASS-VE PRIMER
Bond strength	Sandblasted steel: 90 Kg/cm <sup>2</sup> Concrete: greater than the tensile strength of concrete
Maximum service temperature	80° C in chemical immersion depending upon chemical environment. 180° C in flue gas service.
Viscosity (mixed material)	13700 - 16700 cps @ 20° C
Mix ratio – Resin : Hardener by weight	100:2
Abrasion Resistance	Taber 75 mg loss/1000 cycles with 1000-gram wheels
Moisture permeability	0.0015 perm-inch
Storage	Always store in its original sealed container @ or below 20° C, away from direct sunlight, heat, fire, moisture
Shelf Life	Max. 3 months if stored properly as mentioned above.

PRODUCT	PACKING SIZE	COVERAGE
MIPROGLASS – VE PRIMER	5,10,20 Kgs. Drum/Bucket	Concrete: 250 to 300 Grams/M <sup>2</sup> Steel: 200 to 250 Grams/M <sup>2</sup>
MIPROGLASS 101 SV Part A Resin	5,10,20 Kgs. Drum/Bucket	Approx. 1.5 to 1.6 Kg Per M <sup>2</sup> @ 1mm thickness per Kg mix
MIPROGLASS 101 SV Part B Curing Agent	100,200,400 Grams Bottle	

## SAFETY PRECAUTIONS/DISCLAIMER

Mixes and applications of this product present several hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein, and any such warranties are expressly disclaimed. We recommend that the prospective buyer or user independently determine the suitability of our product(s) for their intended use. No statement, information, or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the buyer/user.



**CHEMIPROTECT**  
A CHALLENGE TO CORROSION

Plot No. 2114, Phase-3, GIDC Estate, Vatva, Ahmedabad-382445, INDIA  
Tel: +91-79-48002236, 9054296619  
Email: [info@chemiprotectengineers.com](mailto:info@chemiprotectengineers.com) [chemiprotect@gmail.com](mailto:chemiprotect@gmail.com)