

MIPROGLASS 201 SV

**Glass Flake Filled Novalc Epoxy Vinyl Ester Resin
Trowel Applied Coating/ Lining**



MIPROGLASS 201 SV

DESCRIPTION

MIPROGLASS 201 SV is a high chemical resistant graded glass flake filled Novalc Epoxy Phenolic Vinyl Ester resin base Lining system. This product can apply by trowel at min. 2mm to max. 4mm thickness in one or more layer and a finish topcoat by brush/roller/spray can be applied with glass flake filled vinyl ester resin system. The system is typically applied at a finished thickness of 50 – 70 mils. TL-250 is suitable for FDA tank lining applications. We use the high-quality resins, speciality glass flake & some unique special chemicals to ensure maximum chemical resistance for highest protection and lowest permeability.

Further, a woven glass matt impregnated with Vinyl Ester resin can be incorporated into lining system to achieve high physical & chemical resistant properties.

AREA OF USE

MIPROGLASS 201 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 such 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 for steel and concrete tanks used for a wide variety of food processing, chemical processing, chemical storage, and wastewater applications. Lining of stock chests, bleach towers, pipe coating, FGD tank linings and Ductwork to protect from corrosive acids and fumes.

MIPROGLASS 201 SV is designed for thick build applications using notch trowel and by air less spray equipment. It can be finished by roller/brush to smooth finish and a compatible glass flake filled vinyl ester resin base finish topcoat is recommended to get smooth finish.

OUTSTANDING FEATURES

- MIPROGLASS 201 SV is most suitable for lining at higher thickness in a single trowel coat. It can be applied at thickness from 2mm to 4mm in one or more coat result in lower labour costs for a heavy film build lining.
- MIPROGLASS 201 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

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TYPICAL PHYSICAL PROPERTIES

PROPERTY	MIPROGLASS 201 SV
Color	Off White & Grey
Primer	For Concrete & Steel: MIPROGLASS-VE PRIMER
Bond strength	Sandblasted steel: 90 Kg/cm ² 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)	Paste like consistency
Mix ratio – Resin : Hardener by weight	100:2
Abrasion Resistance	Taber 75 mg loss/1000 cycles with 1000-gram wheels
Tensile Strength ASTM D-638	175 Kg/cm ²
Flexural Strength ASTM D- 790	400 Kg/cm ²
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 ² Steel: 200 to 250 Grams/M ²
MIPROGLASS 201 SV Part A Resin	5,10,20 Kgs. Drum/Bucket	Approx.1.8 to 2 Kg Per M ² @ 1mm thickness per Kg mix
MIPROGLASS 201 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.



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