



GLASS FLAKE NOVOLAC VINYL ESTER FOR BARRIER PROTECTION AND CHEMICAL RESISTANCE

When tanks, vessels and secondary containment units are exposed to harsh chemical, temperature and pressure conditions, turn to Magnalux 2100FF. This novolac vinyl ester is optimized with high aspect ratio glass flake for enhanced barrier protection and chemical resistance.

Magnalux 2100 is designed for application in two layers for use as an internal tank and vessel lining, with excellent resistance to chemical environments across the full pH range. This lining provides excellent protection in secondary containment and areas where acidic fumes will degrade other coatings or linings.

BENEFITS



Cost Effectiveness

- Cost savings from fast returns to service – 24-48 hours depending on cure temperature
- Application costs reduced with fewer coats applied for multilayered systems with high-film build requirements



Application Time Savings

- Ease of application with lower pressures from single-leg application



Chemical Resistance

- Excellent chemical resistance in organic and mineral acids, strong oxidizers, and many aromatic and aliphatic solvents
- Low permeability from optimized fume silica package



Extended Life of Assets

- Control inventory and reduce waste with six-month product shelf life

FEATURES

- Six-month shelf life
- Optional inhibitor additive for applications >77°F
- Improved sag tolerance
- API 652-compliant thick film lining

EXAMPLE APPLICATIONS

- Sour crude oil tanks
- Chemical containment areas where there is exposure to low pH
- Atmospheric service where there is exposure to acidic fumes
- Flue gas environments up to 300°F (149°C)
- Vessels with aggressive environments

FROM SPEC TO PROTECT

sherwin-williams.com/protective

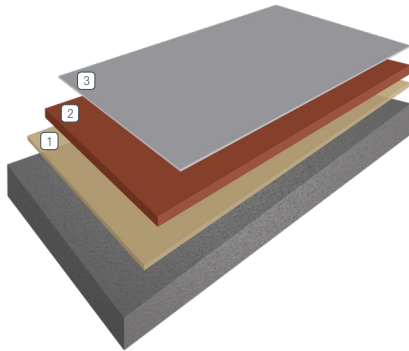
**SHERWIN
WILLIAMS®**

MAGNALUX® 2100FF

GLASS FLAKE NOVOLAC VINYL ESTER FOR BARRIER PROTECTION AND CHEMICAL RESISTANCE

Two-Coat System			
Coat	Description	Material	Thickness

1	Optional Primer for Steel, Required for Concrete	Magnalux® 1100	3 mils (75µm)
2	Basecoat	Magnalux® 2100FF	20 mils (500µm)
3	Topcoat	Magnalux® 2100FF	20 mils (500µm)



① Primer

② Basecoat

③ Topcoat

Typical Properties	
--------------------	--

Theoretical Spreading Rate	78 ft ² per gallon at 20 mils 1.8 m ² per litre at 500µm
Immersion Temperature	Up to 200°F (93°C)
Dry Temperature	300°F (149°C) continuous
Typical Film Thickness Range per Coat	400-750µm (16-30 mils)
Fully Cured	72 hours at 77°F (25°C)
Shelf Life	6 months at <68°F (20°C)



UNMATCHED DISTRIBUTION AND SERVICE

Products You Need Right Now

Get the products you need with same- or next-day delivery and gain access to local inventory at more than 4,700 company-owned distribution points in North America.

Technical Service for Optimal Applications

Our technical service team brings extensive technology and product knowledge, as well as manufacturer equipment training, to ensure proficiency throughout the entire coatings process.

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

The industry experts at Sherwin-Williams Protective & Marine are renowned authorities in their respective fields of knowledge - including Bridge & Highway, Flooring, Manufacturing & Processing, Fire Protection, Marine, Energy, Freight Rail, Power Generation, Steel Fabrication and Water & Wastewater. Our global technology expertise in areas including tank linings, passive fire protection, corrosion under insulation (CUI) testing and fusion-bonded epoxy drives game-changing innovation and influences global industry standards.

North America

sherwin-williams.com/protective
swprotective@sherwin.com

SHERWIN-WILLIAMS®

©2023 The Sherwin-Williams Company
Protective & Marine Coatings
PM-801013-1-SS 11/23