



Impact, abrasion, wear and ice. The cold weather marine environment has some of the most aggressive and damaging conditions on the planet. For example, ships traversing through the frigid ocean face ice abrasion and impact along with the ever-present corrosive seawater. Warm service environments provide their own challenges in other marine functions, such as dredging and inland marine, where barges, tugs and other vessels are subjected to abrasive sand, silt and rock.

Enter **SeaGuard Flake-Filled Epoxy** – a glass-flake reinforced, amine-cured epoxy coating with excellent impact and abrasion resistance as demonstrated by its approval for ice-breaking vessels in polar regions. It is self-priming with a high-build application for underwater hull, splash zones, working decks, dredging equipment or other areas subject to impact and abrasion. This coating is also suitable for early water exposure and continues to cure after being immersed.

**FEATURES**

- Lloyds Register® Recognized Abrasion-Resistant Ice Coating for ships operating in polar regions (Certificate No: LR2471304IC)
- Meets ‘special surface coating’ requirements for vessels with applicables Polar Class or Ice Class notations
- Ice Classification PC6 to PC7 and 1A Super to 1A
- Glass flake-reinforced epoxy
- Approved by the U.S. Coast Guard for ANTI-ABRASION COATING, ICEBREAKER > 235’ AND ANTI-ABRASION COATING, ICE BREAKING CAPABLE VESSELS, <235’
- High abrasion resistance
- Early water resistance
- 87% volume solids
- Low coefficient of friction (COF)
- Applicator friendly
- Tough and durable
- Resistant to seawater, mineral oils, aliphatic hydrocarbons and splashes from petrol and related products.



**FROM SPEC TO PROTECT**

[sherwin-williams.com/protective](http://sherwin-williams.com/protective)

# SEAGUARD® FF EPOXY

## GLASS FLAKE-FILLED EPOXY

### USES

- Cargo holds
- Decks subject to impact
- High turbulence areas
- Hoppers
- High-wear environments
- Ice-going vessels including polar regions
- Dredging

### BENEFITS

- High impact resistance > 126 inch pounds
- Excellent flexibility and corrosion resistance
- Very low friction in contact with ice
- Ideal for underwater, tidal and splash zone use
- Prevents ice build-up in cold climate
- Can be applied with airless spray equipment
- Good workability for repairs

### PHYSICAL PROPERTIES

- Reinforced with lamellar glass flakes
- Volume solids – 87% (±1%)
- Surface dry time – Approx. 4 hours at 68°F/20°C
- Fully cured – 7 days at 68°F/20°C
- VOC content – Less than 250 g/L

### 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 5,000 company-owned distribution points in North America.

#### 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. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Energy, Water & Wastewater, Bridge & Highway, Steel Fabrication, Flooring, Manufacturing & Processing, Fire Protection, Marine, Rail and Power.



#### 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.

#### North America

[sherwin-williams.com/protective](https://sherwin-williams.com/protective)  
[swprotective@sherwin.com](mailto:swprotective@sherwin.com)

**SHERWIN-WILLIAMS®**

©2024 The Sherwin-Williams Company  
Protective & Marine Coatings  
PM-1735723-SS 10/24