

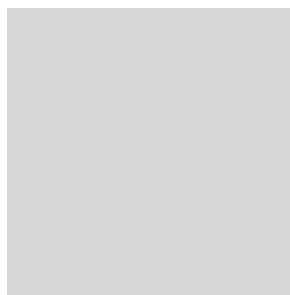


# ARMORED COAST<sup>TM</sup> EAST LAKE METALS

The first and the best steel coastal roofing solution.



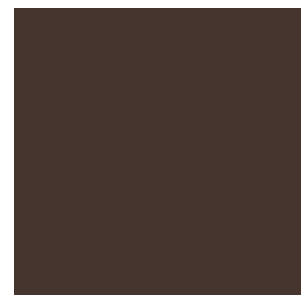
CHARCOAL ▲



BONE WHITE ▲



DARK BRONZE ▲



BROWN ▲



SILVER METALLIC ▲



MATTE BLACK ▲

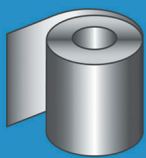
**Armored Coast is available in all 22 standard colors, as well as custom colors.**

**Stock Colors ▲**

**20-year substrate warranty**

**40-year limited paint warranty**

**Armored Coast, is the ultimate answer to coastal applications, ensuring unmatched durability, aesthetics, and longevity for you projects.**



## ELM

East Lake Metals



PH: 219-655-5526



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EastLakeMetals.com



Sales@EastLakeMetals.com





**ZAM®**

ZAM® is a registered trademark of Nippon Steel Corporation in Japan, the United States, and other countries and regions.

ZAM®: Zinc - 6% Aluminum - 3% Magnesium

Minimum product thickness: 24ga

Minimum Coating thickness: .90 OZ/FT<sup>2</sup> ASTM A1046/A1046M Type 1

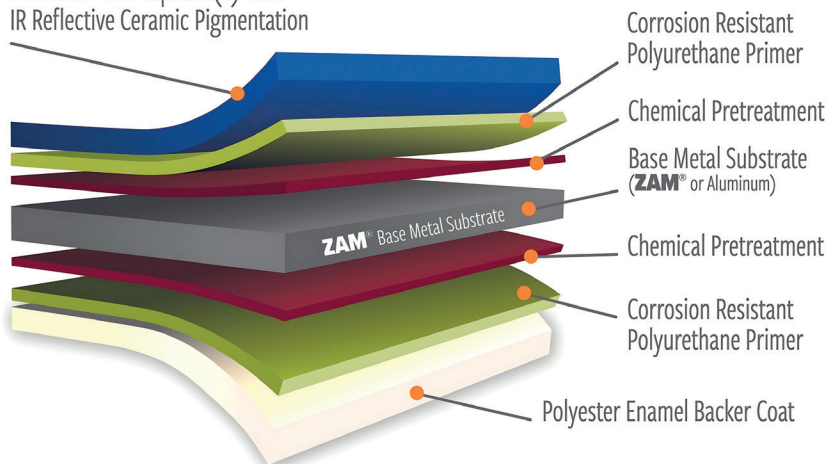
Minimum yield strength: 50 KSI

Coastal warranty for 20 years and 6 months.

Website: [www.wheeling-nipponsteel.com/ZAM](http://www.wheeling-nipponsteel.com/ZAM)

## ARMORED COAST™

Premium PVDF Topcoat (s) with IR Reflective Ceramic Pigmentation



**CONTINENTAL**  
**COATINGS INC.**

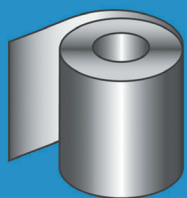
### Koolnar™

Premium PVDF Coating

Technical Data

| Test Specifications                                                                | Coating System Performance                                                                                                         |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| ASTM D 523<br>Specular Gloss at 60                                                 | 6 to 35                                                                                                                            |
| ASTM D 3363<br>Pencil Hardness                                                     | F to 2H                                                                                                                            |
| ASTM D 4145<br>T-Bend                                                              | 1T to 3T with no loss of adhesion                                                                                                  |
| ASTM D 3359<br>Cross Hatch Adhesion                                                | No loss of adhesion                                                                                                                |
| ASTM D 2794<br>Reverse Impact                                                      | ZAM®: 3x metal thickness inch-pounds, no loss of adhesion<br>Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion       |
| ASTM D 2247<br>Humidity Resistance 1,000 hrs.<br>Humidity Resistance 3,000 hrs.    | ZAM®: Creep from scribe < 1/8 inch (3mm), no field blistering<br>Aluminum: Creep from scribe < 1/8 inch (3mm), no field blistering |
| ASTM B 117<br>Salt Spray Resistance 1,000 hrs.<br>Salt Spray Resistance 3,000 hrs. | ZAM®: No blistering<br>Aluminum: < 1/16 inch (2mm), none or few #8 blisters                                                        |
| ASTM D 2244<br>ASTM D 4214<br>South Florida Exposure                               | Color: No more than 5 Hunter (E) units<br>Chalk: Rating no less than 8                                                             |
| ASTM D 870<br>Water Immersion 100 F 500 hrs.                                       | No field blisters with minimal color change                                                                                        |
| ASTM D 1308<br>Chemical Resistance (15 mins.)                                      | No significant color change                                                                                                        |
| ASTM G 87<br>Kesternich Test                                                       | No significant color change                                                                                                        |
| ASTM E 84<br>Flame Spread Classification                                           | Class I or A                                                                                                                       |
| ASTM D 968<br>Abrasion Resistance                                                  | Total Sand = 65 +/- 5 (Dft dependent)                                                                                              |
| AAMA 2605-20<br>FGIA Voluntary Specification                                       | Meets or exceeds all performance specifications                                                                                    |

Koolnar™ is a premium 70% PVDF coating engineered for monumental building product applications and severe exterior environments that require long life and extended warranty coverage.



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