

# NATURAL METALS

## STAINLESS AND TITANIUM

### GENERAL INFORMATION

ALPOLIC®/fr Stainless Composite Material features stainless steel metal skins and Titanium Composite Material that provide a Titanium metal surface skin. Both materials are designed for new building and retrofit applications and radiate an air of high-tech sophistication, creating a look that speaks volumes about stability, longevity, and quality.

The ALPOLIC® Natural Metals Series is simply dazzling in both appearance and performance, featuring a beautiful traditional look in a truly state-of-the-art panel system. Each 4mm metal panel is stocked in a mineral filled fire resistant core and available for immediate shipment.

### ALPOLIC® NATURAL METALS – STAINLESS AND TITANIUM



**STAINLESS-SCM LINEN**



**STAINLESS-HAIRLINE 4-8 HL**



**TITANIUM 4-80TI**



**STAINLESS-DULL 4-8 DUL  
(CUSTOM FINISH)**



**STAINLESS-POLISHED 4-88 PL  
(CUSTOM FINISH)**

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## SURFACE TREATMENT

ALPOLIC®/fr Stainless Composite Materials (SCM) and Titanium Composite Materials (TCM) are created by sandwiching the desired natural metal skin for the top and a stainless steel skin for the bottom with a fire resistant mineral filled core. The stocked Stainless-Hairline is a mechanically brushed finish. Custom Stainless-Dull and Stainless-Polished finishes are also available. Our newest natural metal skin is Stainless Linen, which offers a unique embossed pattern.

## STANDARD PANEL SIZE

Standard stock is 39.4" x 146" (1000mm x 3708mm) for Stainless-Hairline, and Stainless Linen 48" x 196" (1219mm x 4978mm), and for Titanium. Minimum quantities apply for custom sizes and finishes. Please contact ALPOLIC® Customer Service for details and for current available stock.

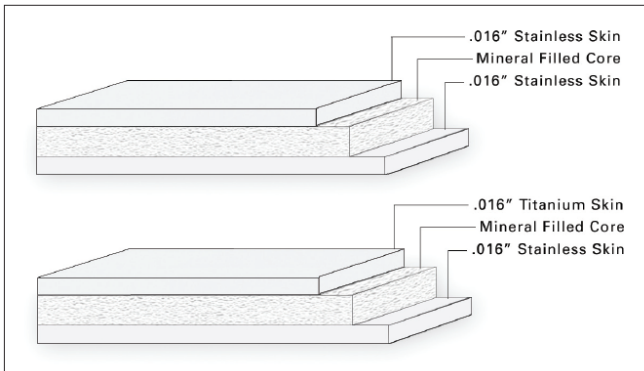
## WARRANTY

Standard panel warranty: 10 Year  
Finish warranty: Not applicable

Call ALPOLIC® Customer Service for exclusions and warranty details.

## PRODUCT NOTES

- Panels should be stored flat in a dry, indoor environment.
- Fabricate panels at temperatures above 55°F.
- Protective film should be removed from panels soon after installation.
- Please refer to ALPOLIC®/fr SCM/TCM Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.
- Please note that SCM and TCM materials as indicated in ALPOLIC®/fr SCM/TCM Fabrication Manual require reduced router speeds to process due to the physical properties of the metals.



## FINISH TOLERANCE

Finish color of natural metal cannot be controlled and some variation should be expected.

## PRODUCT TOLERANCE

Width:  $\pm 0.08$ " (2mm)  
Length:  $\pm 0.012$ " per ft (1 mm/meter)  
Thickness: 4mm:  $\pm 0.008$ " (0.2mm)  
6mm  $\pm 0.012$ " (0.3mm)  
Bow: maximum 0.5% of length and/or width  
Squareness: maximum 0.2" (5mm)  
Peel Strength:  $>22$  in lb/in (ASTM D1781)

ALPOLIC® material is trimmed and squared with cut edges to offer the best panel edge conditions in the industry.