ALPOLIC®/fr Zinc Metal Composite Material finish offers yet another unique and appealing look in our Natural Metals Series. The QUARTZ-ZINC® finish by VMZINC®, the world’s leading brand for architectural zinc, is a real zinc skin with a pre-weathered grey finish that closely matches the color of zinc’s natural patina making it ideal for both interior and exterior applications.

CONSTRUCTION INFORMATION

PROJECT: Annette Strauss
LOCATION: Dallas, TX
PRODUCT: ALPOLIC® QUARTZ-ZINC® by VMZINC® & OPT Mica Platinum

GENERAL INFORMATION

The ALPOLIC®/fr Natural Metals Series lets you incorporate the look and durability of zinc and other genuine metals into your structure at a fraction of the weight, with the added benefit of a fire-resistant core.
**SURFACE TREATMENT**

ALPOLIC/fr Zinc Composite Material (ZCM) is a sandwiched panel comprised of two pre-weathered grey layers of QUARTZ-ZINC metal by VMZINC and a fire resistant core. The QUARTZ-ZINC color is a factory induced patina that looks very close to the patina that would naturally form. By using QUARTZ-ZINC you ensure that parts of the buildings that have different exposure to the elements maintain the same color.

**STANDARD PANEL SIZE**

Standard stock is 38” x 146” (965mm x 3708mm) in 40 piece crates. Custom lengths and thickness available. Please contact ALPOLIC Customer Service for current available stock and additional information.

**FINISH TOLERANCE**

Finish color variations in natural metals are to be expected, however the VMZINC Y factor (gray scale) on the QUARTZ-ZINC should be between 22 and 25. For more information on QUARTZ-ZINC finishes please go to www.vmzinc-us.com.

**PRODUCT TOLERANCE:**

- Width: ± 0.08” (2mm)
- Length: ± 0.16” (4mm)
- Thickness: 4mm: ± 0.008” (0.2mm)
- Bow: maximum 0.5% of length and/or width
- Squareness: maximum 0.2” (5mm)
- Peel Strength: >22 in lb/in (ASTM D1718-1)

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

**FIRE PERFORMANCE**

Fire resistant ALPOLIC/fr Natural Metal Zinc panels with a mineral filled core have been tested by independent testing laboratories using nationally recognized tests.

This material meets all requirements for noncombustible construction as detailed in section 1407 of the International Building Code (IBC 2009).

Please call technical support for additional information.

**WARRANTY**

Standard panel warranty: 10 Years
Finish warranty: Not Applicable
Call ALPOLIC Customer service for exclusions and warranty details.

**PRODUCT NOTES**

- Zinc needs to be isolated from aluminum and other dissimilar metals to avoid galvanic corrosion.
- Panels should be stored flat in a dry, indoor environment.
- Protective film should be removed from panels soon after installation.
- Please refer to ZCM Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.
- ALPOLIC and VMZINC does not endorse, recommend or support the use of bimetallic composites due to differing rates of thermal expansion of dissimilar metals.
- ZCM should only be installed using a rain screen system.

FOR TECHNICAL INFORMATION, PLEASE CALL 1.800.422.7270

**U.S. HEADQUARTERS**

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