



ALPOLIC[®]
METAL COMPOSITE MATERIALS

COPPER

Natural Metal MCM

Our Natural Metals Series - Copper features the same flatness and workability of a metal composite material (MCM) but with the copper surface of your choice.

SURFACE TREATMENT

ALPOLIC® Copper Composite Material (CCM) is created by sandwiching two thin layers of copper around a polyethylene (pe) or fire-retardant (fr) core. The genuine surface of copper will weather over time and turn to a classic patina green depending on the microenvironment of the project location, green patina can also be achieved by chemically treating the copper composite before installation. This process of pre-treatment is performed by third party to the Architects satisfaction.

STANDARD PANEL SIZE

Standard stock is 38" x 196" (965mm x 4978mm) in 30 piece crates. Custom lengths and thickness available. Please contact ALPOLIC® Customer Service for current available stock and additional information.

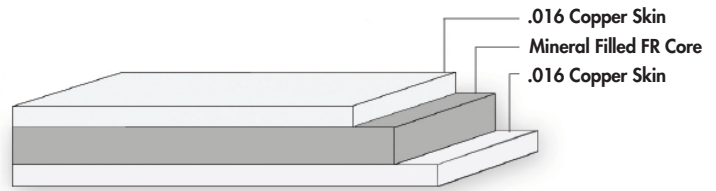
FINISH TOLERANCE

Finish color of natural metal can't be controlled, and some variation should be expected.

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 D1781)

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



WARRANTY

Standard panel warranty on the manufacturer of Copper Composite Material: 10 Year

Finish warranty: As copper is a natural finish there is no finish warranty due to the fact that the finish is continuously changing.

Please call Customer Service for exclusions and warranty details.

PRODUCT NOTES

- Copper 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 CCM Fabrication Manual for routing and fabrication recommendations.
- Crating fees apply to orders for less than standard piece crate.

ALPOLIC® TECHNICAL ASSISTANCE

1.800.422.7270 | technicalservices@alpolic.com

401 Volvo Parkway, Chesapeake, VA 23320
Telephone 1.800.422.7270 | Fax 757.436.1896
www.alpolic-america.com | Email: info@alpolic.com