

Copper ALPOLIC Panels

ALPOLIC® Metal Composite Material (MCM) is available with skins formed from a variety of natural metals including Titanium (TCM), Stainless Steel (SCM), Zinc (ZCM) and Copper (CCM). There are no additional finishes applied to the natural metal and when exposed to the elements, each will weather with the skin's natural characteristics.

ALPOLIC Copper Composite Material (CCM) is manufactured using 99.5% pure elemental copper coils. Copper is a very reactive material. This means that as the natural oxide layers form, the copper surface can exhibit a number of very vivid and extreme color changes before settling into the mottled reddish / brownish / grey-greenish surface that is often associated with weathered copper. Remember copper is a durable variable hue construction material not a predefined color!

During the CCM manufacturing process, there is an amount of heat generated in the lamination process. While this heat is less than that typically generated by your kitchen oven, it is enough to start the oxidation process. This means that when

first installed, the CCM panels can exhibit an array of colors – specifically bright pinks, oranges, purples, etc. may be evident. As the copper surface continues to oxide, over time these colors will weather into the colors seen on exposed and aged copper.

Click here to [view](#) an informative paper from the Copper Development Association, Inc., which describes the types of appearances and third-party finishes that may be applicable to copper surfaces.

Need assistance? Contact our on-staff Technical Support Team by calling 800.422.7270 or by emailing them at technicalservices@alpolic.com.