

CopperPlus

Modern, high-quality architecture



**Engineered
Materials Solutions**
Wickeder Group



CopperPlus... ... more than Copper!

Upscale material with exceptional characteristics

Once used for castles and churches, Copper is still used today in modern architecture for its timeless look. Our CopperPlus material has a core of stainless steel that allows a multitude of benefits over solid copper. It can be used like Copper for siding, roofs, and many other decorative elements, while being more durable and less expensive.

Developed in the 1960s, CopperPlus is real copper... PLUS something more. It features a core of Type 430 stainless steel, metallurgically roll bonded with two layers of copper. This innovative metallic composite strip offers numerous advantages. Clad metals, with their unique ability to match virtually any need of a specific product design, offer design engineers some highly desirable benefits. "Clad" not only can allow you to expand your design possibilities, but also can provide significant improvements in product performance and manufacturability. And may even yield meaningful reductions in product costs as well.

Beauty, Strength & Value - for over 50 years

CopperPlus is covered by a 15-year warranty, but but is designed to last for decades. Our product can withstand the toughest of inclement weather or environments. Many users may expect more than 50 years of service, even in hostile environments. For warranty consideration, project location and design must be pre-approved by the manufacturer.

// **Benefits**

- › **Classic beauty**
- › **Higher strength**
- › **Greater durability**
- › **Lighter weight**
- › **Reduced thermal expansion and contraction (minimizing "oil canning")**
- › **Improved solder joints**
- › **Unlimited formability**

Applications



Roofing & Siding

- › Faster and more efficient installation
- › Formability
- › Can be worked with at the same time as solid copper



Rain Drainage

- › High resistance & erosion corrosion
- › Compatibility with Copper
- › Ideal for gutters and downspouts



Flashing, Chimney Systems & Flue Pipes

- › Prevents cracks, weathering and rainwater seepage
- › Perfect supplement to existing building
- › Lower costs compared to solid copper



Decorative Components

- › Dormers, Wall Cladding
- › Cupolas, Finials, Rain Screens
- › Spires, Scuppers, Conductors...
... just a few of the limitless possibilities you can explore with CopperPlus

Delivery program

Parameters	Copper - Stainless Steel - Copper
Strip width	.787" to 30.708"
Thicknesses	.016" to .0216"
Layers	10 %
Core Material	1.4016
Clad material	Cu-DHP
Delivery forms	Sheets, Coils
Surface finish	bright

Please ask for further material combinations and dimensions



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