



COPPER SPECIFICATIONS

SUBSTRATE & APPROVED PRODUCT APPLICATIONS

Specifications include these product lines: ACM & Norandex Brand Gutter Coil, Rainware Accessories, and Roofing Edge Metals.

TECHNICAL INFORMATION COPPER SUBSTRATE

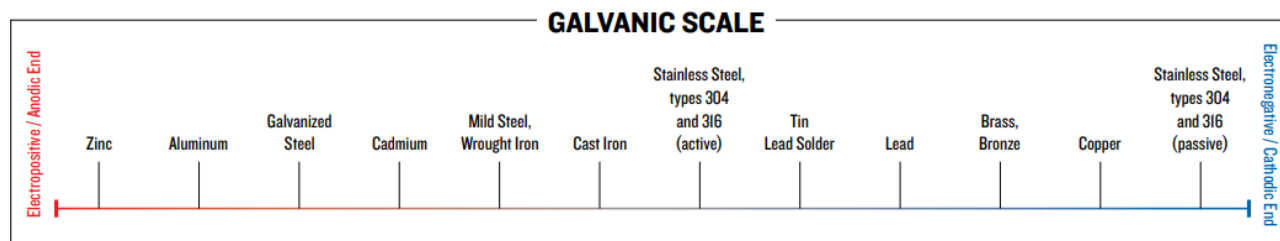
H00 Temper Cold Rolled Copper ASTM B370 Rockwell Hard Scale 54 Minimum	Theoretical Material Thickness (Inches)	Thickness Tolerance (Inches)	Weight per Foot (Pounds)	Tensile Strength-ksi		Minimum Elongation (2" Minimum Sample)
				Ultimate	Yield	
Edge Metals						
10 oz.	.0135	± .0011	.624	32.0 – 40.0	20.0	30%
16 oz.	.0216	± .0012	1.00	32.0 – 40.0	20.0	30%
Rainware						
10 oz. Rainware Accessories	.0135	± .0011	.624	32.0 – 40.0	20.0	30%
16 oz. Gutter Coil	.0216	± .0012	1.00	32.0 – 40.0	20.0	30%

Recycled Content

1. ACM Copper products are made from minimum 100% recycled postconsumer content.
2. ACM Copper products are 100% recyclable.

Substrate Considerations: Care should be taken to avoid contact of any Copper materials with any corrosive materials during the installation, including, but not limited to: concrete, stucco, pre-treated lumber, corrosive chemicals, fiber cement products, masonry cement, roofing materials made of metallic granules of dissimilar metals (Aluminum, Zinc, Steel, etc.) salt, and dissimilar metals. Electropositive (anodic) materials are more likely to corrode in contact with dissimilar metals in the presence of an electrolyte such as rainwater. The farther apart the metals are from each other on the Galvanic Scale (see below), the speed and the effect of the reaction will increase. Animal confinement buildings can produce waste decomposition by-products, which can be extremely aggressive towards the Copper material, creating significant corrosion problems.

Copper and its principal architectural alloys are relatively active metals, which -- when left unprotected - tend to oxidize (weather). Long-term atmospheric exposure generally results in the formation of the naturally protective gray-green patina.



APPROVED APPLICATIONS

Gutter Coil: ACM gutter coil is designed for residential and light commercial applications. Gutter coil can be field formed to provide seamless gutter systems. Gutter coil shall be attached per contractor's direction and state / local building codes.

Copper is not recommended for animal confinement applications.

Rainware Accessories: ACM rainware accessories are designed for residential and light commercial applications.

Copper is not recommended for animal confinement applications.

Roofing Edge Metals: ACM Roofing Edge Metals are designed for residential and light commercial applications. Roofing edge metals shall be attached per contractor's direction and state / local building codes.