

US10A & US10B SECONDARY FINISH

The richness of wire mesh woven in bronze, brass, and copper brings unmatched color and warmth to your project. Banker Wire weaves all copper-based alloys in a natural “mill finish”, “bare” condition. A secondary process must be introduced if the desired final finish is to preserve the bright, untarnished color (US10A) or, to accelerate the natural tarnishing process to a consistent darkened (US10B) appearance.

US10B: The US10B finish is a chemical process that accelerates the natural tarnishing of bronze, brass, or copper wire mesh. The wire mesh is transformed to have a consistent darkened appearance with slight physical highlighting then sealed by a lacquer topcoat.

US10A: The US10A finish physically removes the tarnish from the top layer of the bronze, brass, or copper and seals it with a clear lacquer topcoat.

MAXIMUM DIMENSIONS: 48"x96"
LARGER DIMENSIONS MAY BE POSSIBLE, PLEASE CONTACT US

Applicable Alloys: **BZ** **BR** **CU**

Corrosion Resistance: Tarnish is a specific type of corrosion that affects copper-based alloys when the material’s surface reacts with atmospheric elements like oxygen. This reaction creates a “Stable” surface oxide that protects the metal underneath from further degradation. Therefore, either one of these secondary processes are for appearance purposes only. A US10A finish provides a lacquer topcoat to prevent oxygen and fingerprints from developing this discoloration inconsistently on the surface of the mesh. The US10B process develops the naturally occurring tarnish fully and evenly throughout the mesh surface. The consistent darkened oxide finish of the US10B is then sealed with a lacquer topcoat to prevent further darkening. Both an interior and exterior rated lacquer can be applied. Please be sure to communicate with your salesperson whether the final application is interior or exterior.

Special Considerations: US10A and US10B are not coatings. They are transformations of the existing base metal finish performed using a batch process. Deviations of color are inherent in these processes from job to job and no two metal finishers performing the same process are likely to arrive at the same color outcome. The time in solution, the base metal and the humidity in the area are just a few variables that prevent two separate outcomes to be the same. If consistency and a targeted color is what matters most to you, consider a powder coat that mimics the color instead like Prismatic Powders “Oil Rubbed Bronze”.

