

## **ZAPPONE COPPER ACCENT Specification Sheet**

**Normal Composition:** Material is CDA 110 copper with a minimum purity of 99.9+% copper, and approximately 0.04% oxygen present as a cuprous oxide. When exposed to weather it produces a relatively impervious protective film, which eventually forms the familiar patina of weathered copper. It is certified that no free mercury came into contact with the material at any point of its process.

**Design:** The shingle contains a concealed nailing flange and a four-way interlocking mechanism which provides increased stability, resists wind-lift and forms a weather tight seal. The raised butt, tapered channels and smooth pure copper finish provide a distinctive profile and rich appearance.

<b>Mechanical:</b>	ASTM B152
<b>Chemical:</b>	ASTM B370
<b>Size:</b>	Total – 7 3/4” X 9 1/8 ”, Exposed To Weather- 7 1/4” X 8 1/8”
<b>Weight:</b>	1.24 lb/sq.ft. - 124 lb/100 sq. ft.
<b>Thickness:</b>	.018" (+/- Commercial tolerance)
<b>Density:</b>	0.376 lb/cu.in.
<b>Temper:</b>	3/4 Hard H03
<b>Tensile Strength:</b>	48,000 psi.
<b>Yield Strength:</b>	46,000 psi. at 0.5% Extension Under Load
<b>Elongation:</b>	6 (% in 2 in.)
<b>Rockwell Hardness:</b>	77/78 Scale 15T

<b>Melting Point:</b>	1981 Degrees F. Thermal Conductivity, BTU/sq.ft./hr./degree F.
<b>@ 68 Degrees F:</b>	226
<b>Wind Rating:</b>	110 MPH
<b>Fire Rating:</b>	Class A,B,C
<b>ICBO Approval #:</b>	4995
<b>Recycled Content:</b>	85% + (50% Post Consumer)
<b>Accessories:</b>	(All accessories are crafted from 99.96% pure copper)