

# ZAPPONE ALUMINUM SHINGLES

## Specification Sheet

**Normal Composition:** Series 3105 Aluminum Alloy.

**Design:** 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 shadow-cup, tapered channels and embossing provide a distinctive profile and rich appearance.

<b>Mechanical:</b>	ASTM B209
<b>Finish:</b>	Kynar 500
<b>Colors:</b>	Sierra Brown, Slate Gray, Forest Green, Terra Cotta, Polar White, Mill Finish
<b>Size:</b>	Total - 15" X 9 1/8 " Exposed To Weather - 14 1/2" X 8 1/8" (+/- commercial tolerance)
<b>Weight:</b>	0.42 lb./sq.ft. - 42 lb./100 sq. ft
<b>Thickness:</b>	0.020" (+/- commercial tolerance).
<b>Density:</b>	0.099 lb./cu.in..
<b>Temper:</b>	H 234 (1/4 Hard) before embossing.
<b>Embossing:</b>	Standard
<b>Tensile Strength:</b>	19000 psi.
<b>Yield Strength:</b>	18000 psi.
<b>Elongation:</b>	10 (% in 2 in.)
<b>Rockwell Hardness:</b>	77/78 Scale 15T

**Melting Range:** 935-1180 Degrees F.

**Thermal Conductivity:** 0.39 CGS Units @ 77 Degrees F

**Wind Rating:** 110 MPH

**Fire Rating:** Class A,B,C

**ICBO Approval #:** 4995

**Recycled Content:** 100% Post Consumer

**Accessories:** (All accessories meet above material specifications)

**Aluminum Coil Stock:** 16" width, 50-ft. length.

**Starter Strip:** One piece formed unit, 8' length, 5 1/2" deck apron, 'with S' interlock and fascia guard with drip edge.

**Gable End:** One piece formed unit, 8' length with fascia guard, drip edge and anti-capillary ridge.

**Hip/Ridge Cap:** Exposed dimensions - 9 1/2" X 7 1/4", with 'S' interlock, concealed nailing flange and adjustable to roof angle.

**End Wall, Side Wall, and Continuous Valley:** All are one-piece formed units, 8' length with anti-capillary ridge and 'S' Interlock

**Fasteners:** Aluminum screw shank nails, 11 gauge with a minimum head