



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 156-00-M Vol. 3

Manufacturer: Tamko Building Products, Inc., 601 N. High Street, Joplin, MO 64801

Trade Name(s): AstonWood and StoneCrest

Product: Roofing shingles and roofing flashings

Pertinent Code Section(s): 27-337

Prescribed Test(s): RS 5-10 (ASTM E108)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File R16145

Description: Steel shingles are manufactured of PVDF painted, G90 galvanized steel including six formed simulated shingle sections of various widths and depths for the AstonWood profile, and five simulated shingle sections of uniform widths and depths for the StoneCrest profile. Each shingle shall lock on all four edges to provide for mechanical connection to adjacent shingle exterior. PVDF paint finish will be one of MetalWorks standard colors and the interior will be painted with a primer and wash-coat.

Dimensions	Width – overall 39¾” (100.965 cm) Length – overall 12 5/8” (32.0675 cm) Exposed area – 3.28 sq. ft. (39 3/8” x 12”)
Weight Per Shingle	2.1 lbs. (0.95256 kg)
Weight Per Square	64 lbs. (29.0304 kg)
Thickness	Shingle and accessory materials = nominal 0.135” including G90 galvanized steel and coatings. Clip material = .015 galvanized steel.

Paint Coating	Shingles and accessories shall be manufactured using MetalWorks coil coated with G90 galvanized steel.
Exterior Finish	Fluor polymer (PVDF) with anti-corrosion primer, total 1 mil dry film thickness.
Interior Finish	Wash-coat with anti-corrosion primer, total .6 mil dry film thickness.
Shingle Coverage	AstonWood shingles shall be manufactured and boxed 30 panels to a box and 98.4 sq. ft. (9.14m²) to a box. StoneCrest shingles shall be manufactured and boxed 15 panels to a box and 49.2 sq. ft. (4.57m²) to a box.
Shingle Accessories	Ridge/hip caps, start/eave flashing, gable/rake flashing, valley pan, sidewall flashing, J-channel and all other accessories, as manufactured by MetalWorks.

The roof covering is approved for the following system:

Formed-steel panel covering for installation as Class A prepared roof coverings.

Limited to 15/32-inch (minimum) plywood decks with ¼-inch (minimum) thick Georgia-Pacific “Dens-Deck” overlayment board or ½-inch (minimum) thick gypsum board with all joints staggered a minimum of 6 inches from the plywood joints. One layer of Type 15 or 30 felt underlayment may be applied under or over the gypsum barrier.

Formed-steel panel covering for installation as Class C prepared roof coverings.

Limited to 15/32-inch (minimum) plywood decks with one layer of Type 30 felt underlayment.

Formed-steel panel covering for installation as Class A prepared roof coverings.

Suitable for installation over minimum 15/32-inch thick plywood decking with existing Class A asphalt glass fiber mat shingles.

Terms and Conditions: The above shingle roof covering materials are accepted provided that:

1. Materials are classified as Class A or Class C as per above description, in accordance with Section 27-337 of New York City Building Code, when installed as specified by the testing Laboratory.
2. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance November 1, 2008
Examined By Srin Deshpande