

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

MEA 353-03-M

Report of Material and Equipment Acceptance Division

**Manufacturer- ATAS International, Inc.**  
**Trade Name- Castletop Shingles.**  
**Product- Shingles roof covering material.**  
**Pertinent Code Section(s)- 27-337.**  
**Prescribed Test(s)- RS5-10 (ASTM E108).**  
**Laboratory- Underwriters Laboratories Inc.**  
**Test Report- UL file R12113 dated September 13, 2002.**

**Description- Castletop diamond-shaped metal shingles roof covering can be used for residential and commercial applications. They are manufactured from nominal .032 inches aluminum, 16oz copper or .028 inches zinc and incorporate an expanded polystyrene backer board that provides support for foot traffic. The shingles are installed over a solid deck with an appropriate underlayment using following UL roofing systems to achieve Class A roofing.**

**ATAS INTERNATIONAL INC  
6612 SNOWDRIFT RD, ALLENTOWN PA 18106**

Roofing panels identified as: "Bermuda Panel", "K-130R", "K-600", "K-720", "K-1240", "K-3000", "KB", "KC-140", "KC-780", "KC-916", "KDL 1.0", "KDL 1.5", "KDL 2.0", "K-Lok", "K-Lok Structural", "KS", "KSL 2.0", "K-Span", "K-Vault", "Roll-R-Roof", "SCANROOF", "TECHO TILE", "PERMASHAKE", "STANDING SEAM SHINGLE", "GRANUTILE", "ADVANTA SHINGLE", "CASTLETOP".

**OTHER SYSTEMS**

**Class A**

1. Deck: NC            Incline: Unlimited    Impact: 4  
Barrier Board (Optional): 7/16 OSB or 5/8 in. plywood over polyisocyanurate insulation board or polyisocyanurate composite board, any thickness.  
Insulation (Optional): Polyisocyanurate, glass fiber, perlite or wood fiber, any thickness.  
Ply Sheet (Optional): Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15 or 30 felt, UL Classified prepared roofing accessory or UL Classified membrane.  
Surfacing: See roofing panels above, mechanically fastened.
2. Deck: C-15/32    Incline: Unlimited    Impact: 4  
Barrier Board: 1/4 in. min G-P Gypsum Dens-Deck® or 1/2 in. min UL Classified gypsum board with all joints staggered a min of 6 in. from the plywood joints.  
Insulation (Optional): Polyisocyanurate, glass fiber, perlite or wood fiber, any thickness.  
Ply Sheet (Optional): Any UL Classified Type G1, G2 or G3 base/ply sheet, Type 15 or 30 felt, UL Classified prepared roofing accessory or UL Classified membrane.  
Surfacing: See roofing panels above, mechanically fastened.
3. Deck: C-15/32 or    Incline: Unlimited    Impact: 4  
      spaced  
      sheathing  
Underlayment: One layer "VersaShield Underlayment", mechanically fastened.  
Ply Sheet: One layer Type 30 base sheet or "VersaShield", mechanically fastened.  
Surfacing: See roofing panels above, mechanically fastened.
4. Deck: C-15/32    Incline: Unlimited    Impact: 4  
Underlayment: Two layers "VersaShield Underlayment".  
Surfacing: See roofing panels above, mechanically fastened.
5. Deck: C-15/32 or    Incline: Unlimited    Impact: 4  
      Spaced  
      Sheathing  
Insulation: Rmax "Ultramax" 1 in. min, mechanically fastened.  
Surfacing: See roofing panels above, mechanically fastened.
6. Deck: C-15/32 or    Incline: Unlimited    Impact: 4

Recommendation – That the above roof covering materials, when installed in accordance with the instructions supplied by the manufacturer and in accordance with Underwriters Laboratories inc. file R12113, be accepted for the fire resistance classification indicated therein when installed as indicated. All shipments and deliveries of such materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance June 30/05  
Examined By S Deshpande