

# TFXX.R18920 - Prepared Roof-covering Materials, Formed or Molded Metal, Fiber-Cement, Plastic or Fire-retardant-treated Wood

## Prepared Roof-covering Materials, Formed or Molded Metal, Fiber-Cement, Plastic or Fire-retardant-treated Wood

[See General Information for Prepared Roof-covering Materials, Formed or Molded Metal, Fiber-Cement, Plastic or Fire-retardant-treated Wood](#)

### ECOSTAR LLC

42 EDGEWOOD DR  
HOLLAND, NY 14080-9784 USA

R18920

**Molded plastic shingles**, for installation as Class A prepared roof covering. Limited to 15/32 in. plywood decks and one layer of minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" with all joints staggered a min of 6 in. from the plywood joints and one ply of Type 30 asphalt felt, or one ply of GAF "VersaShield Fire Resistant Roof Deck Protection" (one layer of UL Classified self-adhering underlayment may be optionally used under the VersaShield Underlayment) or Atlas Roofing "FR 50", covered with any one or combination of the following shingles: Majestic Slate Products ("Traditional", "Colonial", "Beveled Edge", "Beaver Tail", "Chisel Point"), Seneca Cedar Shake Products ("Seneca"), "Empire Niagara Slate", "Empire Niagara Shake", "Majestic Niagara Slate", "Majestic Niagara Shake", or Titus Products ("Titus"). As an option, an additional layer of "Aqua Guard" underlayment or any UL Classified base sheet or underlayment product may be installed directly below the shingles.

**Molded plastic shingles**, for installation as Class A prepared roof covering. Limited to 15/32 in. plywood decks and one layer of minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" with all joints staggered a min of 6 in. from the plywood joints and one ply of Type 30 asphalt felt, or two plies of GAF "VersaShield Fire Resistant Roof Deck Protection" (one layer of UL Classified self-adhering underlayment may be optionally used under the VersaShield Underlayment), or Atlas Roofing "FR 50", covered with any one or combination of the following shingles: Seneca Cedar Shake Products ("Seneca Plus", "Thick Butt"). As an option, an additional layer of "Aqua Guard" underlayment or any UL Classified base sheet or underlayment product may be installed directly below the shingles.

**Molded plastic shingles**, for installation as Class C prepared roof covering. Limited to 15/32 in. plywood decks. Minimum one ply of Type 30 felt, covered with any one or combination of the following shingles: Majestic Slate Products ("Traditional", "Colonial", "Beveled Edge", "Beavertail", "Chisel Point"), Seneca Cedar Shake Products ("Seneca", "Seneca Plus", "Thick Butt"), Titus Products ("Titus") or Empire Slate Products ("Traditional", "Beveled Edge", "Beavertail", "Chisel Point", "Niagara"), "Empire Niagara Shake", "Empire Shake", "Empire Plus Shake". As an option, an additional layer of Aqua Guard underlayment or any UL Classified sheet or underlayment product may be installed directly below the shingles.

**Molded plastic shingles**, designated "Majestic Colonial Slate", "Majestic Beveled Edge Slate", "Majestic Beavertail Slate", "Majestic Slate Traditional" or "Majestic Chisel Point Slate" for installation as wind resistance roof coverings up to 110 mph. Limited to a max. 7 in. exposure with a min. 3 in. x 10 in. strip of "Sure-Seal SecurTape" applied to the backside of the shingle.

**Molded plastic shingles**, designated "Majestic Colonial Slate", "Majestic Beveled Edge Slate", "Majestic Beavertail Slate", "Majestic Slate Traditional" or "Majestic Chisel Point Slate" may also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 7 in. exposure with a min. 1/4 in. bead, 10 in. long of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle.

**Molded plastic shingles**, designated "Seneca Cedar Shake Tiles", "Seneca Plus Shake" or "Seneca Shake Thick Butt Design" may also bear the statement "Degree of wind resistance investigated in accordance with procedures adapted from ASTM D3161 at a wind speed of 110 mph". Limited to a max. 8 in. exposure with a min. 1/4 in. bead of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle, within 1 in. of each side of the shingle.

**Molded plastic shingles**, designated "Seneca Shake Thick Butt Design" or "Seneca Plus Shake" may also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 8 in. exposure.

**Molded plastic shingles**, for installation as Class A prepared roof covering. Limited to 15/32 in. plywood decks and one layer of minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" with all joints staggered a min of 6 in. from the plywood joints and one ply of Type 30 asphalt felt, or one ply of GAF "VersaShield Fire Resistant Roof Deck Protection" (one layer of UL Classified self-adhering underlayment may be optionally used under the VersaShield Underlayment) or Atlas Roofing "FR 50", covered with any one or combination of the following shingles: Empire Slate Products ("Traditional", "Beveled Edge", "Beaver Tail", "Chisel Point"), "Empire Shake", "Empire Plus Shake" or "Victorian Fish-Scale". As an option, an additional layer of "Aqua Guard" underlayment or any UL Classified base sheet or underlayment product may be installed directly below the shingles.

**Molded plastic shingles**, for installation as Class A prepared roof covering. Limited to 15/32 in. plywood decks and one layer of MB Technology's "Layfast SBS TU43" underlayment (one layer of UL Classified self-adhering underlayment may be optionally used under the Layfast underlayment), covered with any one or combination of the following shingles: Empire Slate Products ("Traditional", "Beveled Edge", "Beaver Tail", "Chisel Point"), "Empire Shake", "Empire Plus Shake" or "Victorian Fish-Scale".

**Molded plastic shingles**, designated "Empire Beveled Edge Slate", "Empire Beaver Tail Slate", "Empire Traditional Slate" or "Empire Chisel Point Slate" may also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 8 in. exposure with a min. 1/4 in. bead, 10 in. long of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle.

**Molded plastic shingles**, designated "Empire Shake" or "Victorian Fish-Scale" may also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 9 in. exposure with a min. 1/4 in. bead, 10 in. long of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle.

**Molded plastic shingles**, designated "Empire Plus Shake" may also bear the statement "Degree of wind resistance investigated in accordance with procedures adapted from ASTM D3161 at a wind speed of 110 mph". Limited to a max. 7 in.

**Molded plastic shingles**, for installation as Class A prepared roof covering. Limited to 15/32 in. plywood decks and one ply of GAF "VersaShield Fire Resistant Roof Deck Protection" covered with "Empire Niagara Slate", "Empire Niagara Shake", "Majestic Niagara Slate", or "Majestic Niagara Shake". May also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 10 in. exposure with a min. 1/4 in. bead, 10 in. long of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle.

**Molded plastic shingles**, for installation as Class C prepared roof covering. Limited to 15/32 in. plywood decks and one ply of Type G2, covered with "Empire Niagara Slate" or "Empire Niagara Shake". May also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 10 in. exposure with a min. 1/4 in. bead, 10 in. long of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle.

**Molded plastic shingles**, for installation as Class C prepared roof covering. Limited to 15/32 in. plywood decks and one ply of Type 30, covered with "Majestic Niagara Slate" or "Majestic Niagara Shake". May also bear the statement "Also Classified in Accordance with ASTM D3161, Class F". Limited to a max. 10 in. exposure with a min. 1/4 in. bead, 10 in. long of the Dow Corning "790 Silicone Building Sealant" applied to the backside of the shingle.

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