

Certification of Conformance

KP Perfection Shingles Siding

This certifies that KP Perfection Shingles Siding complies with the specifications of ASTM D7254.

Thickness: Perfection Double 7" - 0.090" (nominal)

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- KP Perfection Shingle is manufactured from modified polypropylene copolymer. The material has a solid color throughout and is UV stabilized. Strict control of color is assurance for outstanding weatherability.

Tensile Strength (ASTM D638): 3200 psi

Yield elongation (ASTM D638): 5%

Notched Izod Impact @73° F (ASTM D 256): ≥ 2 ft-lb/in

- KP Perfection Shingle meets or exceeds the following requirements:

- **Fire Resistance Properties:**

Flame Spread Index (ASTM E84): 103

Smoke Developed Index (ASTM E84): 746

Burn rate (ASTM D635): < 1inch/minute

Minimum self-ignition temperature (ASTM D1929): 690°F

Meets NFPA 268 acceptance criteria

- **Fire safety:**

When exposed to considerable heat or flame, polypropylene Perfection Shingles when tested in conformance with recognized fire test procedures, will soften, melt or burn, and may possibly expose the material underneath. Care needs to be taken when selecting underlayment materials because many are made from organic materials that are combustible. Fire properties of underlayment materials must be established prior to their installation. All burnable materials should be installed in accordance with local, state (provincial), and federal fire regulations and building codes.

- **Typical Physical Properties:**

Impact Resistance (ASTM D4226): 42.87 in-lbf (Procedure A, H.25)

Windload Resistance: meets requirements of ASTM D7254 when tested as per ASTM D5206.

Weatherability (ASTM D7254): No surface or structural defects such as peeling, cracking, chipping.



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