



GR GREEN BUILDING PRODUCTS INC.

GR Green Cedar Specification Sheet

Product	GR Green Cedar is a natural looking and environmentally-friendly synthetic roofing shingle
Material	Recycled thermoplastic (plastic bags and milk bottles), limestone and minor additives for UV protection and colour
Length	18" (± 0.125 ")
Width	4 different widths of shingles are supplied in each bundle: 11" (± 0.125 "), 7" (± 0.125 "), 5.5" (± 0.125 ") and 4" (± 0.125 ").
Nominal Thickness	0.275" at butt; 0.200" at tip
Weight per Tile	~3.0 lbs (± 0.2 lbs) for an 11 inch wide shingle
Head Lap	3"
Tiles per Bundle	23 – consisting of 5 shingles 11" wide, 5 shingles 7" wide, 8 shingles 5.5" wide, and 5 shingles 4" wide
No. of Bundles per Roofing Square'	12.5
Weight per Bundle	42 lbs
Weight per 'Roofing Square'	~525 lbs
No. of Bundles per Pallet	40
No. of 'Roofing Squares' per Pallet	3.2 (~1,700 lbs.)
Exposed Area	7.5"
Tests Performed	<ul style="list-style-type: none"> • Weathering Test, ASTM G-155 for 2000 hrs. • Wind Uplift Resistance Test, CCMC Section 6.4.6 - passed the required interval wind load to 170 km/hr. • Dynamic Water Infiltration Test, CCMC Section 6.4.6 • Heat Aging Test, CCMC Section 6.4.12 • Freeze Thaw Test, CCMC Section 6.4.13 • Dimensional Stability Test, CCMC Section 6.4.1 • Water Absorption Test, CCMC Section 6.4.2 • Flexural Strength Test, ASTM D790-07 • Traffic Load Test, ASTM E661 • Nail Pull Through Test, ASTM D1037
Colour	Weathered Cedar and Red-brown cedar. Bundles will contain tiles with slight variation in color.
Storage	Do not stack more than 2 skids high
Expansion / Contraction	Product will expand 0.03" per feet with a variation of 100 degrees F.
Spacing	Space the tiles a minimum of 3/8" apart
Limited Product Warranty	50 years - refer to detailed warranty documents
Installation	Refer to detailed installation guide.