

# Specification Sheet

## 1-Course Vent Panel® & Corners

### Product Description

Exterior sidewall system consisting of 1-course shingle panels of 5/16" thick Western Red Cedar tapered shingles bonded to 11/32" CDX plywood sheathing strips using galvanized steel staples and glue bead interleaved between the plywood and shingles is a layer of coated fiberglass matte. Plywood is angle cut to allow proper water drainage from backside of panel. Using a patent pending process, 11/32" thick X 3/4" wide wood strips are attached vertically to the back of the panels at 8" intervals to provide a vented air cavity between the structure and the siding system. Panel ends have overlapping shingle design, which provides all vertical seams with a weather tight lap. A horizontal guideline is accurately scribed across the top of even buttline panels for proper alignment of succeeding panels. By following this guideline, measuring and leveling each panel is not necessary.

### Basic Uses:

Exposed siding for exterior walls or for Mansard type roofs of 60° (24/12) or greater in pitch.

### Sizes:

Panels are offered in standard 7.12", 5.3", 4.25" exposure x 96" long sections. Vent strips are 11/32" thick X 3/4" wide wood strips providing 3.5 inches of venting area per lineal foot of wall area. Strips do not need to line up above each other during application for ventilation design to work properly, or the panel to perform correctly.

### Patterns & Finishes:

Regular or Combed textured surfaces are available in either straight or staggered buttlines. Open or tight shingle keyway spacing can also be specified. 3/8" thick or 1/2" thick tapered shingles are available in vertical grain WRC. 1/2" mixed grain Thickbutt shingles also available.

### Materials:

Only 100% Western Red Cedar tapered shingles are used, available in either 5/16" or 1/2" thickness.

### Corners:

Flush-mounting corner units are in "Boston Weave" construction. They are offered in 90 or 135-degree angles. No starter strip is required. 11/32" thick X 3/4" wide wood strips are attached vertically to the back side of the corner units to provide ventilation at the corners of the building, while also diminishing negative pressure to adjacent wall.



### Standards:

The panels have evaluation reports from ICC-ES (ESR-1862), Florida Building Code (FL#7993) & Texas Department of Insurance (EC-53) as assurance of quality & they meet all applicable building codes.

### Designs:

A unique patented manufacturing process applies the shingles to 11/32" plywood sheathing graded CD with Exterior glue with both galvanized steel staples and glue bead in a manner that allows contraction and expansion without buckling, and which results in an exclusive feature of either tight or open spaced keyways between individual shingles for better water run-off and authentic shingle lay-up. For added protection a layer of coated fiberglass matte laminate is interleaved between the plywood and shingles. The weather tight end joint lap design of overlapping shingles covers all vertical seams with a layer of shingle.

### Limitations:

Panels may not be used on roofs with slopes less than 60°, and do not meet shear requirement.

### Weights & Packaging:

Panels are wrapped in pallet loads of 280 panels covering 10 Siding Squares (100 sq. ft. per square). Average pallet weight is 1500 lbs. Individual panels weigh approximately 5.25 lbs. each. Flush-mounted corners are packaged 8 to a bundle, each bundle lineally covering 3.7 lineal feet of corner.

### Availability:

The Cedar Valley panel system is available throughout the U.S. through building material distributors and wholesalers located nationally. For the names of the nearest source or a sales representative, contact Cedar Valley Mfg, Inc.

### Warranty:

Cedar Valley Mfg, Inc. offers a limited warranty against defects due to workmanship, manufacture or defective raw materials used in that manufacture. See actual warranty for details.