

# Specification Sheet

## Cal Stack Shingle Panel

### Product Description

Exterior sidewall system consisting of one course of 5/16" thick Western Red Cedar tapered shingles bonded to 11/32" CDX plywood sheathing with galvanized steel staples and glue bead over a fiberglass matte laminate. Plywood is square cut on top and bottom to create a stackable base. Panel ends have overlapping shingle design, which provides all vertical seams with weather tight lap.

### Basic Uses:

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

### Sizes:

**4.25 Exposure Panels:** Actual 96-1/4" wide by 5.75" high (96" x 4.25" net) 1-course, with net surface coverage of 2.86 sq. ft. per panel, thirty-five panels per 100 sq. ft.

**5.3 Exposure Panels:** Actual 96-1/4" wide by 6.8" high (96" x 5.3" net) 1-course, with net surface coverage of 3.55 sq. ft. per panel, twenty-eight panels per 100 sq. ft.

**7 1/8" Exposure Panels:** Actual 96-1/4" wide by 8.6" high (96" x 7 1/8" net) 1-course, with net surface coverage of 4.76 sq. ft. per panel, twenty-one panels per 100 sq. ft.

### Patterns & Finishes:

Regular or combed textured surfaces are available in either straight or staggered buttlines. Tight or open keyway spacing & shingle thicknesses of 5/16" or 1/2" are 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 prefabricated of Western Red Cedar tapered shingles stapled to 11/32" exterior plywood sheathing in "Boston Weave" construction. They are manufactured and supplied in "left" and "right" widths so, when alternated with each panel row; the vertical corner line is eliminated. Corners are offered in 90 or 135-degree angles. No starter strip is required.

### Fire Resistance:

The "California Stack" panel line is listed under the Building Materials Listing program on the Cal Fire website and approved for use in California by the State Fire Marshall. Listing number #8140-2023:0002 Test reports are available upon request.

### Technical Data

#### Standards:

The panels have evaluation reports (ER) from ICC-ES ESR-1862, State of Florida FL#7993 and Texas T.D.I. EC-#53 as assurance of quality and that 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 real 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 and strapped in pallet loads of 15 Siding Squares (100 sq. ft. per square). Average pallet weight is 2300 lbs. Individual panels weigh approximately 5.25 lbs. each. Flush-mounted corners are packaged 8 to a bundle, each bundle weighing 5 lbs.

#### 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, to the extent that such defective materials will be either repaired or replaced at the option of Cedar Valley Mfg, Inc. See Actual Warranty for details.



**CEDAR VALLEY**  
Handcrafted Shingle Panels

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