

TECH BULLETIN NO.2 Fully-backed Panelized Shingle Siding System

Published by Cedar Valley Shingle Systems Inc., 943 San Felipe Rd., Hollister, Calif. 95023 June, 1999

Exclusive: One-piece Sheathing Plywood Backer

CD Plywood With Exterior Glue

Cedar Valley panels protect against moisture penetration with an interply of Elk Versashield fiberglass mat, and with interlocking end joints. For additional protection from unforeseeable problems from internal condensation, leakage from exterior surface damage or other moisture sources, sheathing grade plywood is used exclusively for the backer to prevent delamination or warpage.

This plywood is graded CD with Exterior Glue, the proper grade for siding underlayment that is not exposed to the weather.

Approvals Cedar Valley shingle siding has the approval of all major building codes, including ICBO Report No. 2373, BOCA Report No. ES 86-6 and SBCCI Report No. 94116B

5/16" x 21-3/8" x 96" Backer

The 5/16" thick sheathing grade plywood covering the total panel dimension provides the rigidity to span minor wall imperfections and avoid waviness or dimpling when nailed.

The strong, solid one-piece backer makes the panel easy to carry and avoids breakage in handling. Since panels should be sawn from the backside to provide an even saw cut, the smooth surface of the one-piece backer facilitates accurate measuring, marking and trimming.

Even though Cedar Valley panels use a sheathing grade plywood backer and can be applied direct to studs, they do not provide shear values and must be applied over substrate with shear values unless engineered into the design elsewhere.

PANEL CONSTRUCTION

Beveled top edge for minor adjustments.
5/16" plywood sheathing graded CD with exterior glue.
Full net coverage 96" x 21-3/8" one-piece plywood backer.
Elk Versashield fiberglass mat laminate.
Tapered cedar shingles with overlapping shingle lay-up and natural full-depth keyways.
Glue bead to permit wood movement.
Beveled bottom edge for minor adjustments.
3/4" maximum panel thickness.
5/16" minimum butt thickness