

PINNACLE CEDAR SHINGLE PANEL



The Pinnacle Cedar Shingle Panel is the best shingle panel on the market today. A true advancement in shingle panel design and technology. The Pinnacle Cedar Shingle Panel is made from 100% fine grain Western Cedar and features an advanced interlocking shingle panel design – the only panel, if properly installed, where keyways will not line up.

Before Installing

Ensure that you have received the correct product for your application and inspect the material for any defects. If any product is found to be unsatisfactory, DO NOT INSTALL IT and call Pinnacle Shingle Panels at 1-800-668-9663 to arrange replacement material. Installation of the product constitutes acceptance of the condition of the product.

Storage

Protect your shingle panels from the elements prior to installation. Store the material on sawhorses under a roof or waterproof tarp and a minimum 18" above the ground. If a waterproof tarp is used to protect the package, leave the bottom of the tarp loose so that air circulation can permit the product to acclimate to the jobsite environment.

Moisture Content

Western Red Cedar is an extremely stable softwood, but, like any natural wood product, will expand and contract due to moisture content fluctuations. To minimize moisture content changes after installation, it is important to allow the product time to acclimate to the jobsite environment prior to being installed. Typically, 3 – 5 days is adequate provided that the shingle panels were not permitted to become wet. Do not install shingle panels with moisture content higher than 18%.

Fasteners

Ensure that nails are hot dipped galvanized, aluminum or stainless steel. Stainless steel nails are highly recommended. Nails should be ring shank with a 9/32" textured head. Ring shank siding nails have a thin shank and blunt tip to prevent splitting and provide excellent holding power. Use No. 304 stainless for most applications and No. 316 for installations near the ocean. Other types of fasteners are not recommended as they will rust, resulting in unsightly staining and will eventually disintegrate. Nails must be an adequate length to penetrate solid framing a minimum of 1 ¼ inch.

Wall Construction

Pinnacle Shingle Panels recommends a rainscreen wall construction and many building codes require it. 3/8" furring strips should be installed over the water-resistive barrier (WRB) and sheathing directly over studs. Furring strips are required when installing the material over rigid foam sheathing to prevent moisture accumulation on the back of the panels and to provide a suitable nailing base. Ensure that the WRB and all 3rd party

materials are installed to manufacturer instructions and that all exterior envelope construction complies with local building code requirements. If code permits, the Shingle Panels may be installed directly to studs. Regardless of wall construction, Shingle Panels should be fastened to solid framing with nails spaced maximum 24" on center.

Corners

Pinnacle Custom Corners are to be used for outside corners. Prior to installation of the Pinnacle Custom Corners, furred corners and trim must be installed first, so Corners will match up properly. Install one course at a time.

Cutting

Use a miter saw to cut Shingle Panels. To minimize damage from splintering, place the panel face down. Cut from the right side of the panel and ensure that cuts are squares.

Spacing and Field Joints

Leave a 1/8" gap between panels to permit expansion. Also, leave a 1/8" gap between panels and door and window frames to allow sealant application.

Flashing and Caulking

Applying caulking or sealant in lieu of horizontal metal flashing is not acceptable. Where appropriate, use an exterior grade high-performance acrylic-latex, acrylic-silicone, acrylic, polyurethane or polysulfide caulks or sealants to seal gaps around windows and doors and where Shingle Panels meet vertical trim. Caulking and sealants are not a permanent solution and require maintenance to prevent failed caulking from permitting water ingress into the wall assembly. Never seal areas that will prevent moisture from exiting the exterior envelope such as under windows and around metal flashing.

Clearances

Adequate clearance from underlying materials is necessary to maintain the appearance and ensure the longevity of Pinnacle Shingle Panels.

- * ¼" above flashing
- * 6" from grade
- * 1" above decks, patios, sidewalks
- * 2" above roof surfaces

