

# Technical Bulletin

December 20, 2023



## Brava Cedar Shake Installed as Siding

<b>Summary</b>	Brava Cedar Shake was designed as a roof covering and has not been tested and certified as a siding material. Brava provides the following recommendations based on a limited number of known installations of Brava Cedar Shake in a siding application. Some trim details and specifications have not yet been tested. Solid Shakes and custom metal or wood trim should be considered for some details.
<b>Contents</b>	<b>System Standard Installation   General Requirements   Exposure, Spacing, &amp; Lap   Layout &amp; Installation   Windows &amp; Doors   Corners   Warranty Coverage   Notes   Resources   Questions</b>
<b>System Standard Installation</b>	For a complete description of the Brava Cedar Shake Roof System, view the documentation at <a href="http://bravarooftile.com">bravarooftile.com</a> . Start with the Brava Cedar Shake Installation Guide for general guidelines and material requirements. Standard installation requirements may need to be modified for some siding applications, especially for edge, corner, and trim details.
<b>General Requirements</b>	Verify code requirements and design specifications prior to installation. Brava Cedar Shake Siding must be installed on a minimum 7/16" OSB or 15/32" CDX Plywood sheathing. Framing and sheathing should be square and free from irregularities. A weather-resistant barrier should be installed according to local building codes. Brava does not provide a warranty against water intrusion, and appropriate waterproofing steps should be taken prior to siding installation.
<b>Exposure, Spacing, &amp; Lap</b>	Brava Cedar Shake Siding should be installed horizontally with a maximum exposure of 8", a minimum 3/16" keyway spacing between each shake, and a minimum side lap of 1 1/2" from course to course. See the <a href="#">Brava Cedar Shake Installation Guide</a> for details. Brava Cedar Shake Siding should have a minimum clearance of 6" above grade and a minimum gap of 3/16" between shakes and any decking, wood, trim, concrete, and above any horizontal flashing. A kick-out flashing is required for all roof-to-wall intersections.
<b>Layout &amp; Installation</b>	Starters should be used at the bottom of the wall underneath the first course and above openings such as doors and windows. Snap chalk lines for all starter and shake courses to ensure straight courses. Fasten each starter or shake with ring shank roofing nails or screws of sufficient length to penetrate the sheathing 3/4" or completely through the sheathing. Install starters and shakes verifying exposure, spacing, and lap requirements above; ≤ 8" exposure, ≥ 3/16" keyway spacing, and ≥ 1 1/2" side lap from course to course.
<b>Windows &amp; Doors</b>	All horizontal trims must be effectively flashed, and the instructions provided by the window manufacturers should be followed. Shakes installed around trim, windows, and doors should have a minimum 3/16" gap for thermal expansion. Accessory Solid Shakes may be used for any cut edges that do not have a lapping trim or J-channel. Deep J-channel may be found from various manufacturers. Do not install shakes tightly against the inside of the J-Channel. Leave a minimum 3/16" gap. When installed, the Brava Cedar Shake System is made up of three layers of shakes with a total maximum thickness of approximately 1 1/2".

<b>Corners</b>	At corners, a corner board trim is recommended with a lapping trim or with shakes installed up to the trim. When there is no lap over the trim edge, Accessory Solid Shakes are recommended for cut edges. Cut edges should be installed toward the trim with a 3/16" gap and a quality exterior-grade sealant.
<b>Warranty Coverage</b>	Brava Cedar Shake Siding is guaranteed to be manufactured free of defects. This product was designed and tested for a roofing application and is not covered under the Brava Lifetime Limited Warranty when used as siding.
<b>Notes</b>	This bulletin is not intended to replace state or local code documents and publications. Check with your building official to ensure compliance with applicable codes. Always review the most updated source documents for building code requirements. Fasteners must penetrate 3/4" into or completely through the sheathing.
<b>Resources</b>	<p>Brava provides installation guidance, code and testing details, and other resources for all products at <a href="https://www.bravarooftile.com/resources/">https://www.bravarooftile.com/resources/</a>.</p> <p>Brava Technical Support offers online training that is accessible regardless of location. Visit our <a href="#">Technical Support Portal</a> for <b>Training, Resources and Support</b>. Training prior to beginning installation is recommended.</p>
<b>Questions</b>	<p><b>To schedule training, or if you have any questions regarding Brava Roof Tile products and accessories, call 844-290-4196 and ask for Technical Support.</b></p> <p>Or contact us through our website at <a href="https://www.bravarooftile.com/contact-brava/">https://www.bravarooftile.com/contact-brava/</a>.</p>