

## Can OSB be used under Carlisle WIP products?



The resins and glues found in OSB products can present a bonding challenge for self-adhered underlayments. There is typically a smooth side and a textured side to the OSB. Carlisle WIP products should be applied directly to the textured side of OSB sheathing for best adhesion. Carlisle WIP Products offers a variety of self-adhering roofing underlayments which include WIP GRIP, WIP 100, WIP 100SG, WIP 250HT, and WIP 300HT.

Carlisle WIP Products can be installed directly to OSB; however, adhesion can be a challenge in some cases due to variability in the OSB and site conditions (e.g., high winds). Prior to underlayment installation, Carlisle recommends that applicators perform a field adhesion test to determine if a primer or mechanical fastening is needed.

Contact adhesive/primer applications: Carlisle recommends the use of CCW contact adhesives/primers in applications where adhesion is marginally acceptable. The application of CCW 702WB, CCW 702, or CCW 702LV at a coverage rate of 350-500 ft<sup>2</sup>/gallon over the roof decking is acceptable. CCW's CAV-GRIP<sup>®</sup> is a low-VOC aerosol contact adhesive which can be applied at a coverage rate of 50-55 ft<sup>2</sup> per pound of adhesive or 1,500-1,650 ft<sup>2</sup> per cylinder. Caution: uncured adhesives/primers may be slippery, so use proper safety procedures.

Mechanical fastening: As an alternative to contact adhesives/primers, Carlisle WIP Products can be mechanically fastened at the perimeter of the deck 12 inches on-center with roofing cap nails or roofing nails. In excessively windy conditions, nailing in the field of the membrane may be required. The use of staples in lieu of roofing nails is not approved by Carlisle.