



CEMENTITIOUS BOARD DECKS

IKO recommends installation of its asphalt shingles on suitable wood decks, including plywood and OSB. We appreciate that in certain areas, such decking materials are not readily available, and in those cases local installers have successfully installed shingles on cementitious board decks. Cementitious boards/panels are made from a mix of limestone fillers and cement, typically reinforced with organic or inorganic fibers. The boards are further treated to limit water absorption, and are available in thicknesses ranging from a few mm to over 12 mm. They are used in residential and commercial construction in both structural and non-structural applications (walls, cabinets, room dividers, roof decking, etc.).

IKO approves the installation of its shingles on such panels, providing the following requirements are met;

- **The boards must meet the local national material standard, and be at least 10 mm thick.**
- **The boards must be installed according to local building code requirements, with corrosion-resistant screws, and sufficiently supported to accommodate all anticipated roof loads during shingle installation and subsequent roof loads.**
- **The deck must be fully covered by an IKO-approved roof underlayment material.**
- **Since the boards do not receive conventional roofing nails well, the shingles may be stapled with proper roofing staples (see IKO Residential Information Bulletin #70)**
- **Screws may also be acceptable, providing the head thickness is < 2 mm and the screw penetrates at least 8 mm into the board. Screws must be approved in advance by IKO.**
- **A minimum of six staples or screws must be used per shingle, located as per the six-nail location shown on each product wrapper.**

In order to limit moisture effects on the boards, which may weaken their structural integrity, provision must be made to limit moisture exposure, including appropriate attic ventilation, and proper flashing around all roof penetrations, and step flashing at sidewalls.

Where IKO asphalt shingles are installed on cementitious boards, our IKO Asphalt Shingle Limited Warranty (Export) will remain in effect – see the Warranty for details on coverage, and conditions/exclusions.

However, any problems arising specifically due to the use of cementitious boards, will not be covered. Note that installation of IKO shingles on cementitious boards is currently not approved for installations in Canada or the United States.

For additional information on any of IKO's products or application requirements, visit us on the web at www.iko.com, or contact us in Canada at 1-888-766-2468, or the United States at 1-888-456-7663.