



TECHNICAL BULLETIN

FASTENING SHINGLES OVER OPEN OVERHANGS

Roof overhangs at the eave and rake edges of a house provide shade and help keep rain-water off the siding, windows, and doors. When these overhangs are open, exposing the underside of the roof deck and supporting rafter tails, the following are items to consider for the building owner and installer:

Malarkey shingle installation instructions state the roof deck (or *sheathing*) should be in good shape and constructed of a minimum 3/8" (10 mm) thick, exterior-grade plywood, 7/16" (11 mm) thick oriented strand board (OSB), or seasoned lumber, nominally 1" (25 mm) thick.

Compliant with 2024 IRC, Section R905.2.5, fasteners must be minimum 12-gauge (0.105 inch [3 mm]) shank, galvanized steel, stainless steel, aluminum or copper roofing nails, with a minimum 3/8" (10 mm) head, compliant with ASTM F1667, and long enough to penetrate through all layers of roofing materials and at least 3/4" (19 mm) into the roof sheathing. Where the roof sheathing is less than 3/4" (19 mm) thick, fasteners shall penetrate *through* the sheathing.

Building code makes no allowance or exception for fastening over open eaves and rakes. Most decks are not 3/4" (19 mm), but in order to meet building code, nails in decks of that thickness are supposed to penetrate all the way through the sheathing. On decks less than 3/4" (19 mm) thick, it is acceptable to trim off the ends of the nails that protrude through the deck, and it will not affect the Malarkey Wind Warranty.

Contact Malarkey Technical Services with questions at (800) 545-1191 or (503) 283-1191, 7:00 am to 5:00 pm, Pacific Time, or email us at malarkey.technicalinquiries@amrize.com.

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