



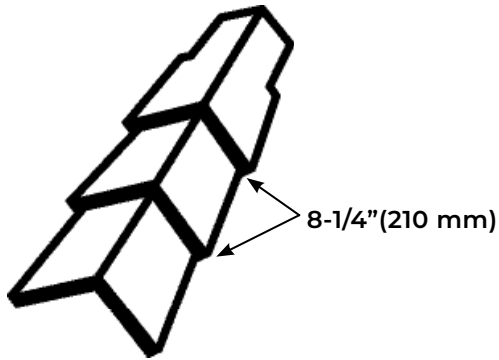
Application Instructions

ENGLISH

IMPORTANT MESSAGE • PLEASE READ! Products must be applied properly. They are designed for use as hip and ridge shingles only, and should not be used for any other applications. We assume no responsibility for leaks or defects resulting from poor application or failure to properly prepare the surface to be roofed over, or failure to provide proper ventilation in accordance with minimum property standards requirements. Review all applicable building codes, minimum property standards, and requirements prior to applying these shingles, use caution when stacking bundles on sloped roofs.

ULTRAHP/ ULTRAHP IR is 10" wide. When used in conjunction with a ridge vent, a vent width of 9" or less is required. Please note that UltraHP IR should be used in conjunction with impact resistant shingles.

STEPS 1-2



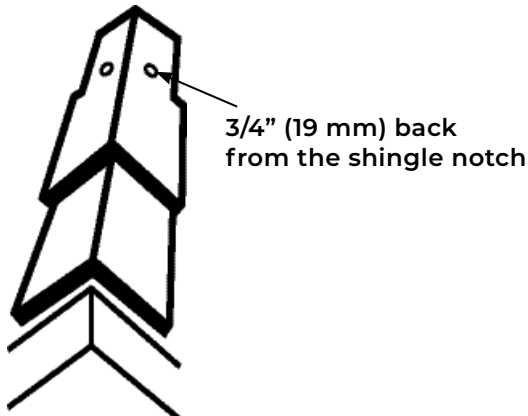
STEP 1:

AFTER INSTALLING FIELD SHINGLES ON THE DECK, INSTALL HIPS AND RIDGES: IKO UltraHP adjustable design eliminates the need of handbending, flexing, opening or closing of the unit. Simply remove unit from carton and place on ridge as is. Then follow instruction as shown below.

STEP 2:

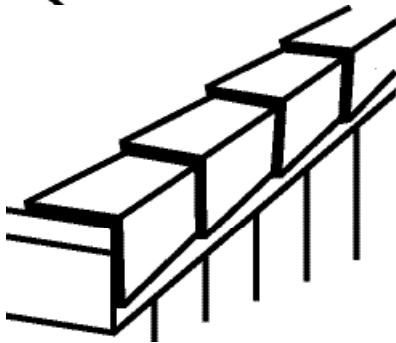
Apply the shingles with an 8-1/4" (210 mm) exposure (even with notch), beginning at the bottom of the hip, or from the end of the ridge opposite the direction of the prevailing winds.

STEP 3

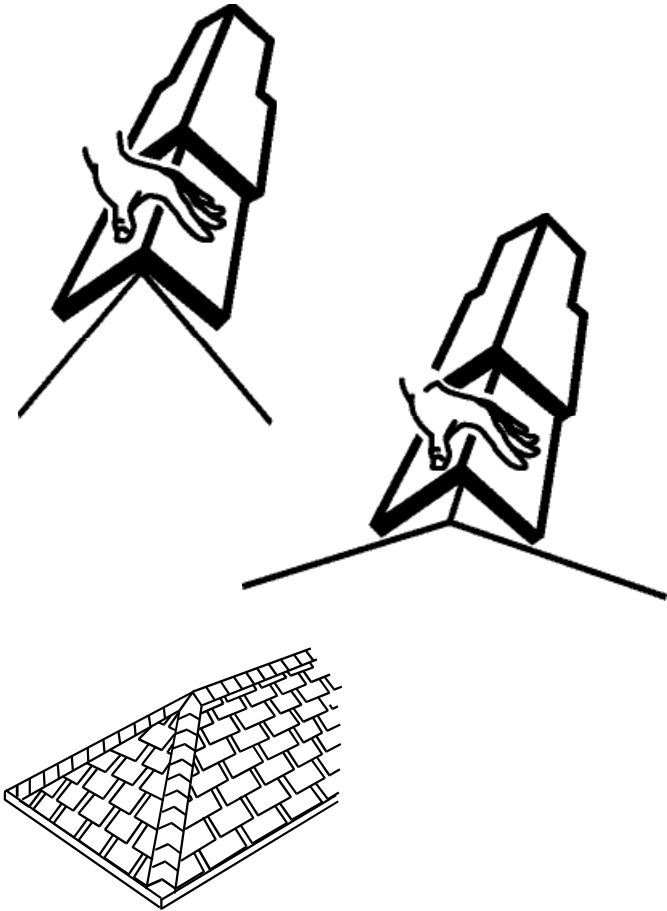


STEP 3:

Form the IKO UltraHP to the roof deck prior to nailing. For lower slopes, it may be necessary to push down slightly on the center of the shingle. For steeper roofs, it may be necessary to push down slightly on the sides of the shingle.



STEP 4



STEP 4:

Use two nails, one on each side of the shingle, located 3/4" (19 mm) back from the shingle notch. In high wind areas, seal down each IKO UltraHP shingle with two 1" 25 mm) spots of asphalt roofing cement. For added roof definition, IKO UltraHP may also be installed at gable and rake edges. Nailed as on ridge installation, or face-nailed.

FASTENERS: Nails must be 11 or 12-gauge roofing nails, corrosion-resistant, with at least 3/8" (9.5 mm) heads, and at least 1" (25 mm) long. For decks 3/4" (19 mm) thick or thicker, nails must go at least 3/4" (19 mm) into the deck. On thinner decks, nails must go at least 1/8" (3 mm) through the deck.

IMPORTANT! — PROPER NAILING

