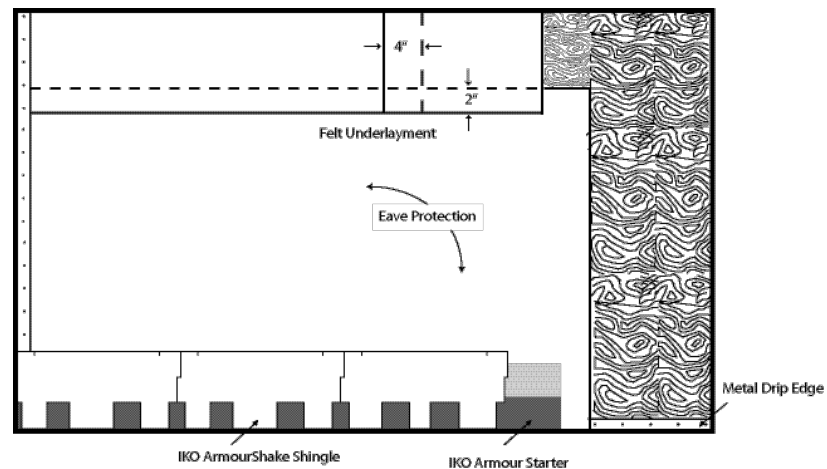




ARMOUR STARTER SHINGLE APPLICATION INSTRUCTIONS

1. Apply any underlayment, eave protection, valley flashings, or drip edges to roof deck as required.
2. Remove approximately 20" from the first 39 3/8" x 13 1/4" IKO Armour Starter strip shingle. This will ensure that the joints of the starter course do not align directly below the shingle joints in the first ArmourShake shingle layer. Install this shingle on the lower left corner of the roof deck, granule side up. The shingle should overhang the rake edge and eaves by 1/4" – 3/8". Fasten the shingle to the roof deck with three nails located just above the area of colored granules, approximately 1" in from each end, and midway between those points (Figure 1).

FIGURE 1





ARMOUR STARTER SHINGLE APPLICATION INSTRUCTIONS

3. Apply full-length IKO Armour Starter shingles to the remaining eave edge of the roof deck. Install the shingles granule side up. The shingles should overhang the rake edge and eaves by 1/4" – 3/8". Fasten the shingles to the roof deck with four nails per shingle, located just above the area of colored granules, and approximately 1" and 13" in from each end. Use galvanized (zinc coated) roofing nails, 11 or 12 gauge, with at least 3/8" diameter heads, long enough to penetrate through plywood or 3/4" into boards.

4. Apply the IKO ArmourShake roof shingles as per the instructions printed on each product's package. Make certain the first course of field shingle lies flush with the edges of the fastened IKO Armour Starter. The sealant on the back of the IKO ArmourShake shingles will adhere to the Armour Starter shingles. For enhanced wind resistance at the eave edge, the Armour Starter can be manually sealed to the deck with four approximately 1" diameter spots of asphalt plastic cement spaced evenly along the lower edge of the shingle.