WOODSCAPE™ asphalt shingles

INSTRUCTIONS FOR APPLYING

FOLLOW THESE INSTRUCTIONS MANUFACTURER NOT RESPONSIBLE FOR IMPROPER APPLICATION.

1. Pitch or Slope: These shingles are recommended for use on decks having a slope of 4 inches per foot or greater. Use Bird No. 15 Asphalt Felt laid horizontally and lapped 2 inches beneath shingles laid directly on the roof boards.

2. Decks

Apply only over dry, well seasoned wood sheathing boards or exterior grade plywood.

ADEQUATE VENTILATION UNDER THE ROOF DECK MUST BE PROVIDED. FHA REQUIREMENTS SHOULD BE MET.

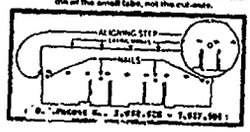
3. Drip Edge: A drip edge of non-corrodible non-staining metal is recommended along the eaves and rakes, and it should extend at least ½" beyond the edge of the deck.

4. Nails: 10½ to 12 gauge roofing nails having head of at least ⅜" in diameter.

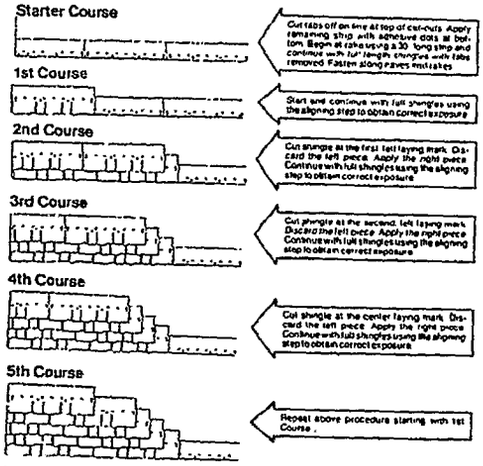
On new work, 1¼". Over old asphalt shingles, 1½". Over old wood shingles, 1¾".

5. Nailing Instructions — Double Coverage: 4 Nails per Shingle — Nails shall be 1½" and 12½" in from each end and ¾" above a line formed by the top of the cut-outs.

Caution — Center two nails must be placed over the middle of the small tabs, not the cut-outs.

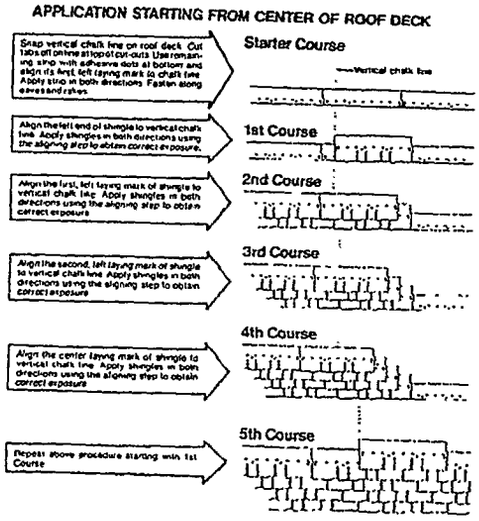


APPLICATION STARTING FROM RAKES



Right Rake Use the right laying marks of shingle. Proceed in the same manner as above, except discard the right piece and apply the left piece.

APPLICATION STARTING FROM CENTER OF ROOF DECK

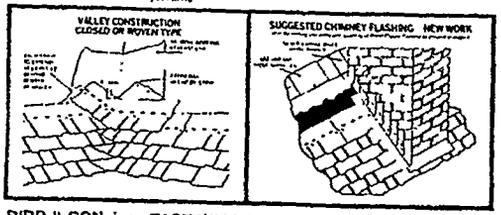


Shingle Alignment: Each shingle has an aligning step which must be used to obtain the proper exposure.

Correct exposure is obtained by aligning the step with the top edge of the shingle course being covered by the shingle applied.

Valleys: Should be closed or woven type as shown in the Valley Construction sketch.

Hips & Ridges: Use Hip & Ridge shingles. Lay away from prevailing wind, cover nails, and expose not over 5". See sketch "Suggested Chimney Flashing."



BIRD & SON, Inc., EAST WALPOLE, MASSACHUSETTS 02032

PLAINTIFF'S EXHIBIT

BIR-1075

BIRD 022086