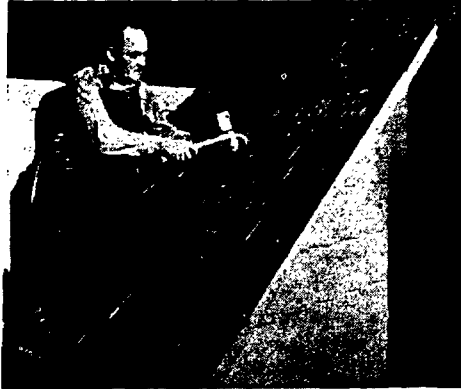


Directions for Applying USG* Three-Tab Hexagon Shingles

ROOF PREPARATION AND FINISHING



Preparing the Old Roof

Roofing: Nail down old warped and split shingles to provide smooth even surface. Replace old shingles that have rotted or blown away. New Construction: Roofing boards should not be more than 6" wide, free from dampness and fitted snugly together. Use saturated felt over roof boards.



Installing Starter Course

9" or 18" starter course is applied overlapping the eave and rake edge $\frac{1}{4}$ ". An alternate method is to use strip shingles as starter course reversing them so tabs point up the roof. This applies to old or new construction.



Double Valley Application

Two thicknesses of mineral surfaced roofing, 12" and 24" wide, should be applied in the valley before the shingle courses approach this point. Shingles should be nailed over the valley material. Valley should be chalk-lined 6" at top graduated to 8" at bottom to form guide for shingle application.



Flashing Details

Shingle edges tight against metal flashing with roof cement, applying cement liberally under and over the shingle edges that join flashing. "bead" of plastic roof cement should be run along top edge of flashing.



Applying Shingle Type Hip and Ridge

Bend and apply individual shingles over hips and ridges exposing them 5" and nailing $5\frac{1}{4}$ " from exposed end. This eliminates exposed nailing and is known as Boston Type Hip and Ridge.



Applying Roll Type Hip and Ridge

9" starter strip may be used on hips and ridges where economy is desired. It is bent over so that approximately 4" overlaps each slope. Nails are driven $\frac{1}{2}$ " from edge and 4" apart.

SHINGLE APPLICATION



The second course should be started by applying a shingle which has had the first tab cut in two. See illustration. Then alternate starting shingle in succeeding courses as you progress up the roof by applying a full length shingle, and then one in which the first tab has been cut in two.

Complete all courses with full sized shingles.

A full size Hexagon Strip Shingle should be applied so that the bottom of the tabs are flush with lower edge of starter course. Four nails should be driven, each $\frac{1}{4}$ " above the center of cut-out as illustrated, and $\frac{1}{2}$ " in from each end.

* T M R & US Pat Off

GENERAL INSTRUCTIONS

Hexagon Strip Shingles are entitled to the class "C" rating of the Underwriters Laboratories only when applied on inclined surfaces having a pitch or slope of at least 4" to the horizontal foot.

Hexagon Strip Shingles are self-spacing and in application should be laid end to end without spaces between the shingles.

NAILS — These should be large head galvanized Roofing Nails 1¼ inches long for re-roofing over old wood shingles and 1 inch long for new construction.

Workmen should wear rubber-soled shoes as this prevents scuffing of shingles in warm weather.

NOTE: Follow instructions carefully. We cannot be responsible for trouble resulting from applications not made in accordance with these instructions.

HISTORICAL FILE

First Mark Detection

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DO NOT DESTROY

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