

CLICK to RETURN TO
MASONITE WOODRUF INFORMATION
at InspectApedia.com

Old roof

We're coming out on top.



Introducing

WOODRUF™ TRADITIONAL

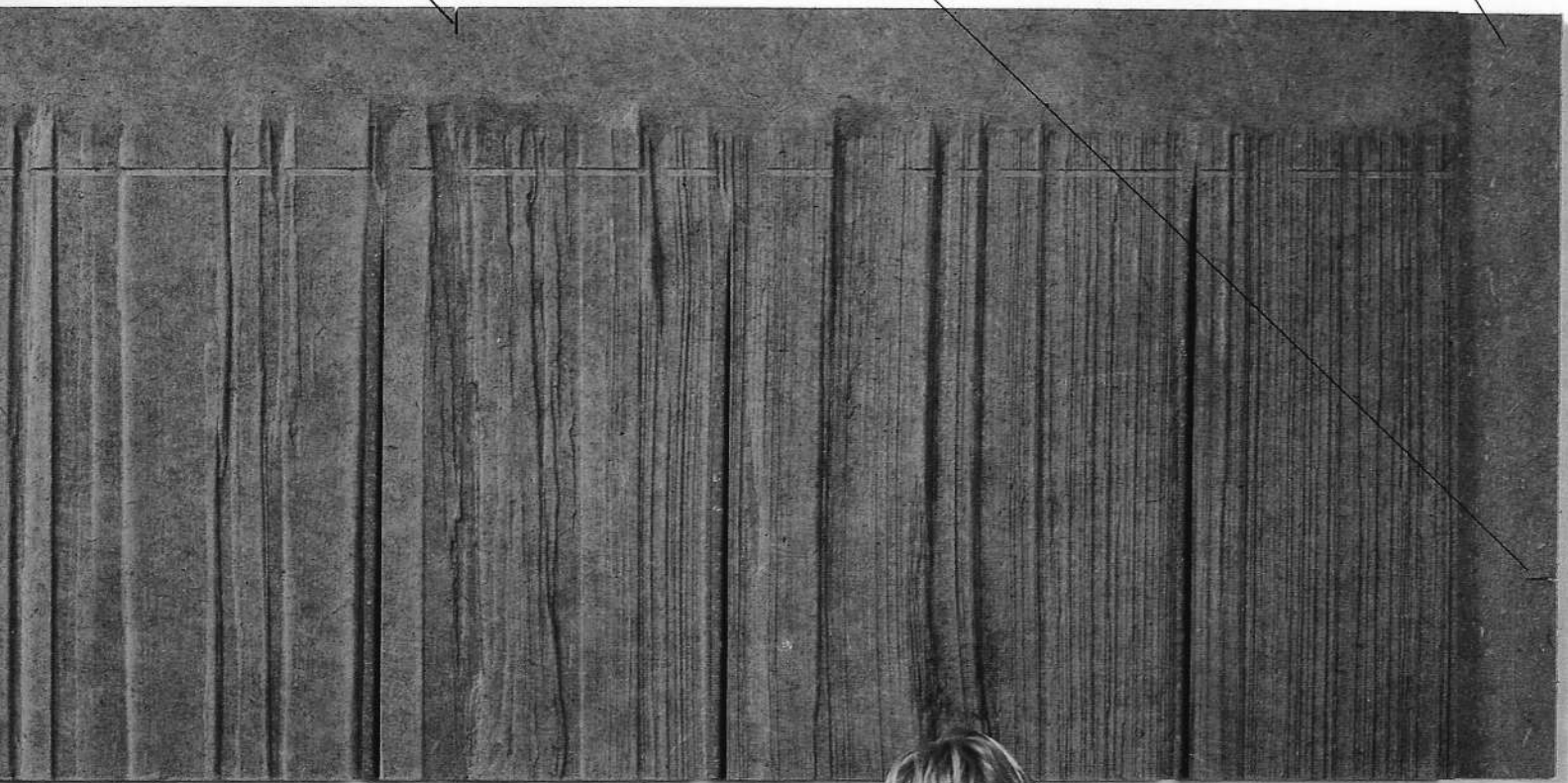
Premium roofing from Masonite Corporation

... with lower installation

Course offset guide marks.
Notched in top edge for horizontal offset of courses.

Alignment and exposure guide.
Notched sidelap provides a guide for maximum weather exposure.

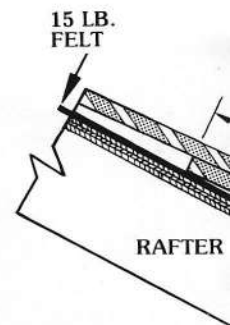
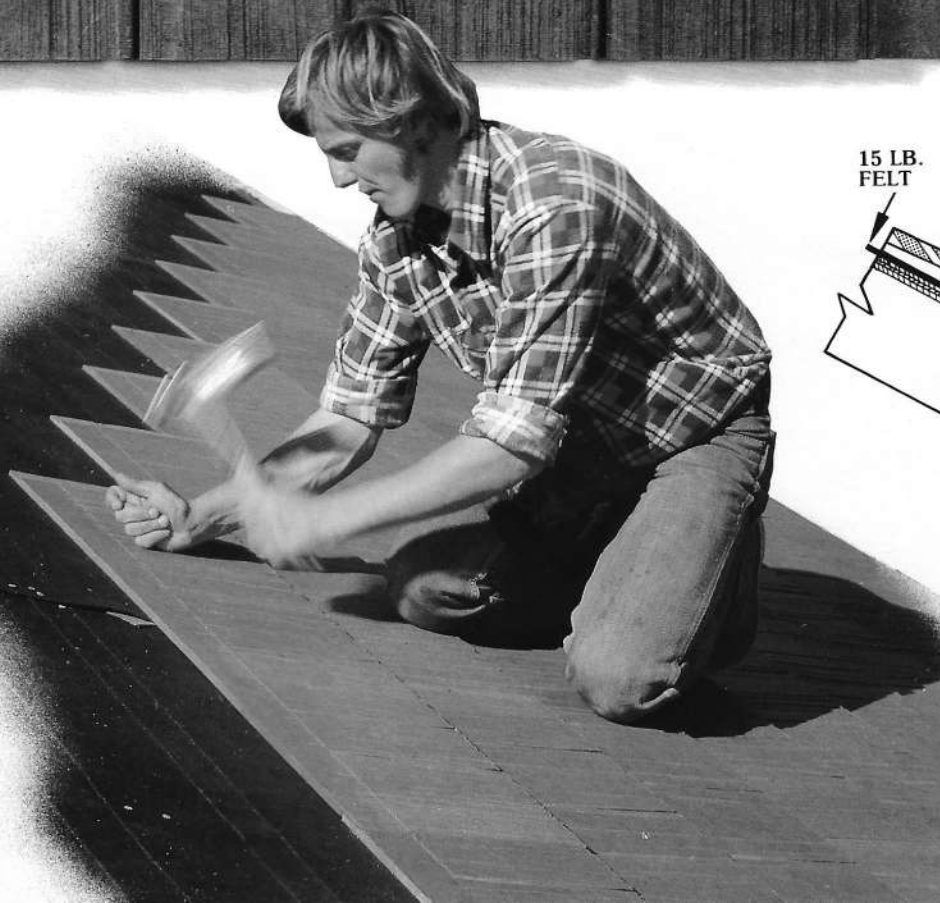
Water stop sidelap.
Assures protection from wind-driven rain.



The size of the Woodruf shingle permits less handling of product per roof, and its density eliminates concern that the roofer's weight may cause damage. As years go by, the roof will easily handle light traffic for normal maintenance.

Specification Data

Weight per square	256 pounds
Bundles per square	6
Pieces per bundle	6
Product size	nominal 12" x 48"
Exposure	8 $\frac{13}{16}$ "



1/2"
SH
EC

on cost.

The architectural integrity of this Victorian home was maintained with the application of Woodruf Traditional over existing asphalt shingles. For reroofing, Woodruf Traditional from Masonite

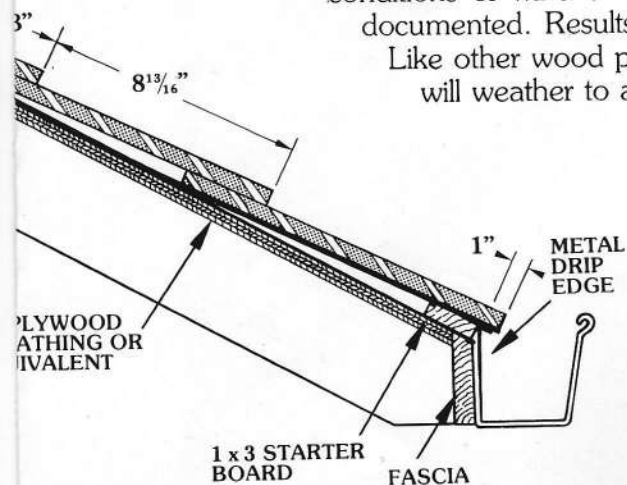
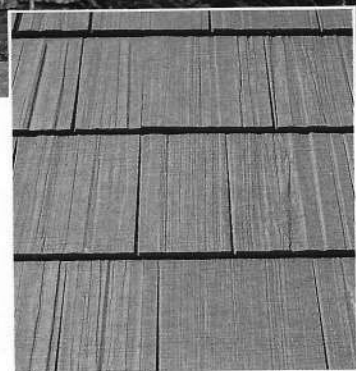
Corporation is the cost-efficient alternative to shakes and asphalt or ordinary wood shingles. Woodruf provides the richness of a wood shingle roof, lower applied cost and ease of installation.



Woodruf Weather Report

Woodruf Traditional wood fiber roofing is designed to withstand the extremes of weather. Performance under conditions of wind-driven rain and hail have been documented. Results are available upon request.

Like other wood products, Woodruf Traditional will weather to a handsome silver gray color.



MASONITE
CORPORATION

.with Woodruf.

It's about time you discovered the advantages of the latest addition to our family of outstanding building products. Woodruf premium wood fiber roofing from Masonite Corporation.

It's about time architects, builders and developers found a faster, more cost-efficient way to roof a home. Without sacrificing quality.

It's about time to specify a product that has all the traditional richness of a wood shingle roof, yet achieves the additional benefit of installation economy.

It's about time for Woodruf. Because time is money when you're installing a roof.





MASONITE[®] BRAND

WOODRUF[™] TRADITIONAL

906

The statements expressed in this technical bulletin are the recommendations for the application of the Masonite brand products as outlined and illustrated under normal conditions of installation. Masonite Corporation is a manufacturer of building materials. It does not practice architecture or engineering. The recommendations provided in this bulletin represent our best judgement based on our experience to date with normal applications. Unless prior approval is obtained in writing from the Product Assurance Department of Masonite Corporation, any deviation from these recommended procedures shall be at the sole risk of the installers.

IMPORTANT: READ AND UNDERSTAND ALL APPLICATION RECOMMENDATIONS THOROUGHLY BEFORE STARTING INSTALLATION.

Woodruf-Traditional roofing is not recommended for spaced sheathing or slopes less than 4 inches per 12 inches (4/12 pitch).

I. GENERAL INFORMATION

SAFETY: Exercise caution when working on any roof. Avoid applying roofing in wet weather and never walk on a wet roof. Keep surface clean and wear shoes with gripping soles whenever walking on roof. Lift only easily handled loads and place shingles and tools where they will not slide off roof. Keep people away from below the work area.

PRODUCT DESCRIPTION: Woodruf-Traditional roofing is shipped 12 squares to a pallet. Individual pieces are strapped 6 to a bundle. Each shingle is a nominal 7/16" thick by 12" wide by 48" long. Ends are side lapped approximately 1 1/4" (Figure 1). Maximum exposure is 8 13/16" with a 3" head lap. Exposure may be reduced but not increased. (Figure 2)

STORAGE: Warehouse roofing off the ground, flat and in an unheated, covered area, protecting it from direct exposure to the elements. Roofing stored at job site must be kept off the ground and covered with a waterproof covering such as light colored polyethylene, canvas or waterproof paper.

ROOF FRAMING: Roof framing should be in compliance with local building codes.

VENTILATION: All roof structures must be properly ventilated to prevent damage from moisture condensation and excessive high attic temperatures. Ventilation must meet or exceed current HUD Minimum Property Standards of one (1) square foot of total net free ventilating area for each 150 square feet of attic floor area, or one square foot for 300 square feet if one-half the ventilation is located near the ridge.

WIND CAUTION: Masonite Corporation will accept no responsibility for damaged or displacement of shingles caused by winds exceeding gale force.

ROOF SLOPES AND DECK: Woodruf-Traditional roofing is recommended for roof slopes of 4" per foot or greater and for solid sheathed decks. It is not recommended for slopes less than 4/12, nor for spaced sheathing.

NAILING/STAPLING: Use large head galvanized roofing nails. Nails must be no less than 12 gauge with 3/8" heads. Nails must be long enough to penetrate through roofing material and plywood deck or at least 3/4" into wood deck. Staples must be galvanized, no less than 16 gauge and long enough to penetrate through or at least 1" into wood deck. The staple crown must be a minimum of 1/2" and must bear tightly against surface but not cut into the surface.

Do not countersink or drive nails or staples at an angle. No fasteners should be exposed to the weather.

CUTTING: Use a medium tooth hand saw or a power saw with a combination blade. The cutting action should be toward or into the face of the roofing.

FINISHING: No additional surface coatings or finishes are required. Some slight color variation may be expected at time of installation. The shingles can be expected to take on a weathered appearance with the passage of time.

II. NEW CONSTRUCTION INSTALLATION

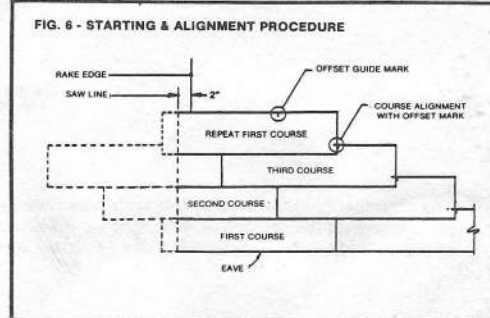
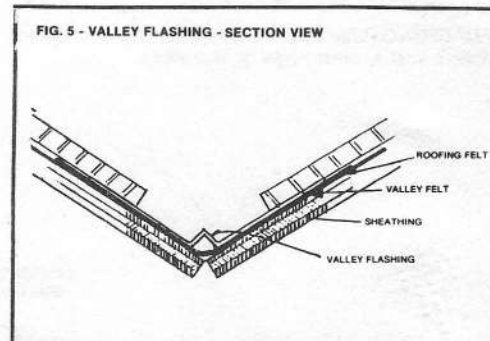
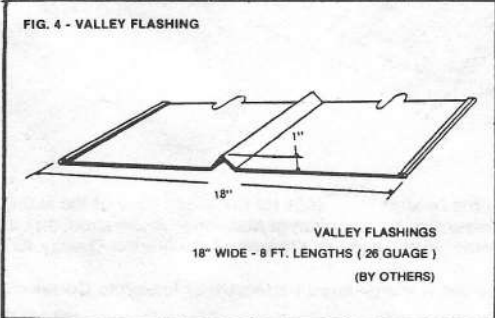
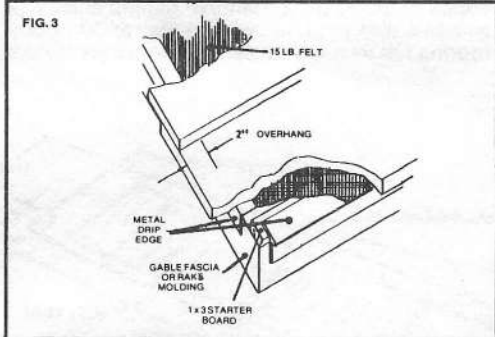
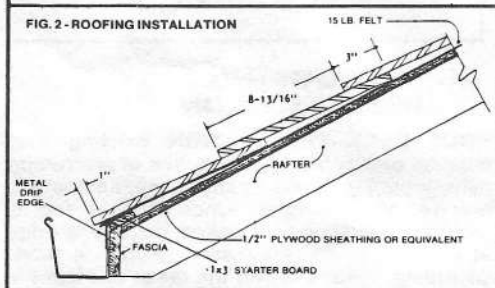
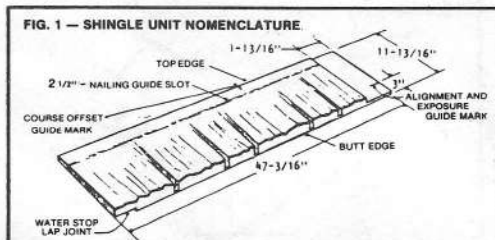
PREPARATION OF ROOF DECK: Sheathing must be a minimum 1/2" thick exterior plywood conforming to American Plywood Association's specifications or an equivalent wood-based panel or well-seasoned wood sheathing (maximum 6" nominal width). Under no circumstances is application of shingles approved directly over any type of roof insulation such as wood fiber, foam, fiberglass or perlite.

STARTER STRIP: Install starter material of nominal 1" x 3" board, sawn shingles or beveled siding at eave edge. (Figures 2 and 3)

DRIP EDGE: Nail metal drip edge over starter strip, along eave before roofing felt is laid and along rake after the felt is laid. Use chalk line to assure straightness. (Figures 2 and 3)

UNDERLAYMENT: Install a minimum 15 pound asphalt saturated roofing felt over entire roof area, extending felt 12" over ridges, hips and valleys from both sides of roof. Lap felt 3" top and 6" side. All side laps are to be staggered 6' apart.

In areas subject to roof ice buildup apply additional underlayment as required by local building Codes.



VALLEY FLASHING: Center a 36" wide, 30 pound roofing felt in valley. Install a non-corroding metal valley with crimped center and water guard edges and center over felt. Top-lap joints a minimum of 6". Valley material should be a minimum 18" wide and 26 gauge. (Figures 4, 5, and 11)

ROOFING INSTALLATION: Apply shingles starting at bottom left of roof, and working across and up in stair-step fashion. Right to left application will require marking the overlap of each course. Install roofing with first course overhanging eave 1" and all courses overhanging rake 2". (Figure 6)

Position adjacent pieces to firmly touch. However, do not force or pry roofing into place.

Install subsequent courses using guide notch in top edge for horizontal off-set and notch in right hand flange to guide for weather exposure. Weather exposure can be reduced as ridge is approached if necessary to balance exposure of last course. (Figure 1)

Fasten each shingle with five fasteners placing one fastener 1" from each end and evenly spacing the other three. Use nail guide scribed on surface to locate all nails 2 1/2" from back edge. Use galvanized roofing nails or staples of sufficient length to penetrate plywood sheathing or at least 3/4" into wood deck (1" for staples).

Occasionally measure to the ridge to assure that courses are parallel and to determine what adjustments may be required to finish properly at the ridge.

HIP AND RIDGE UNITS: Apply flashing of 6" wide non-corroding metal or 30 pound roofing felt over crown or hip. (Figure 7)

Fasten hip and ridge units with one nail or staple on each face (side) located in the scored nailed line. Use nails of sufficient length to penetrate sheathing. Exposure should be 8 3/4". Use a short piece of roofing as starter strip for first hip or ridge unit placed. (Figures 8, 9, and 10)

ROOF VALLEY: Install shingles to lap valley flashing at least 6" on each side of center. (Figures 5 and 11)

FLASHING: Use appropriate flashing where roof meets walls, chimneys or dormers.

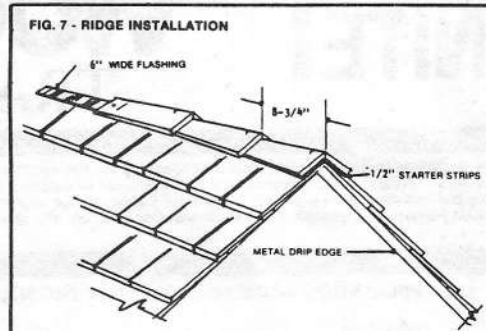


FIG. 8 - HIP AND RIDGE INTERSECTION

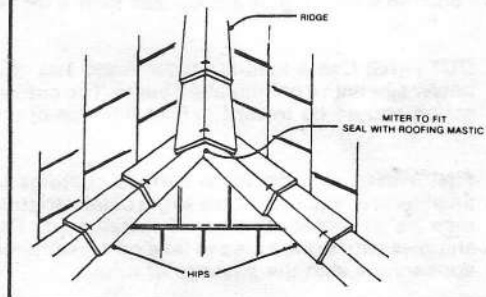


FIG. 9 - HIP INSTALLATION

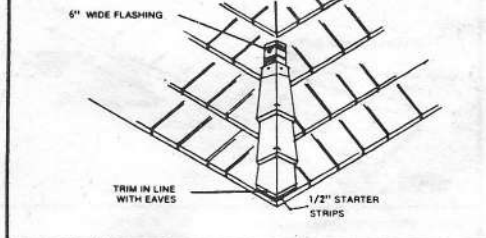


FIG. 10 - RIDGE & HIP UNIT

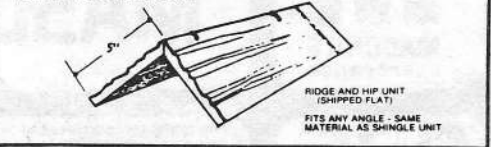


FIG. 11 - VALLEY DETAIL

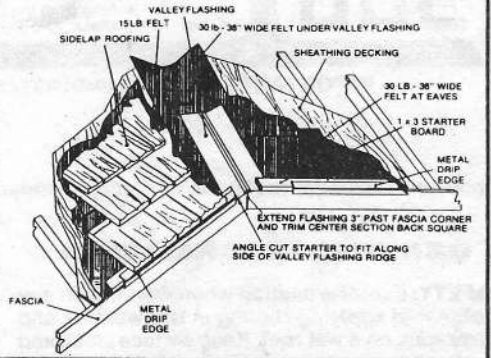
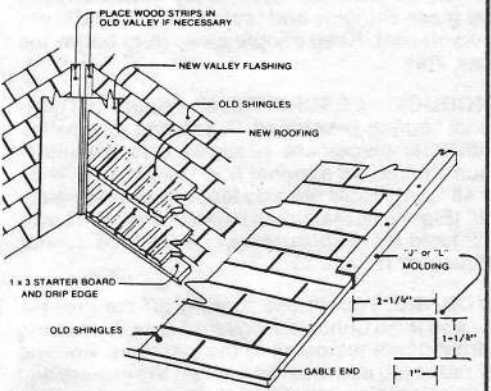


FIG. 12 - RE-ROOFING - VALLEY & GABLE



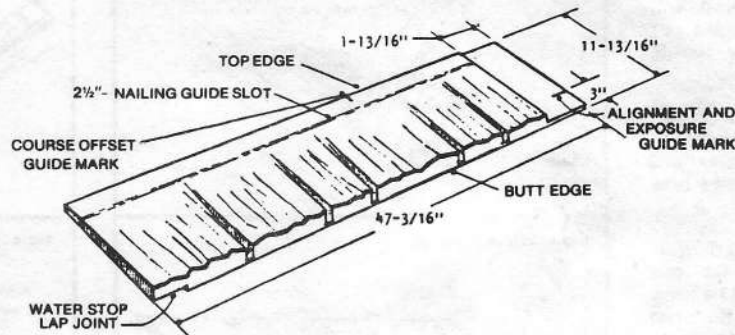
III. RE-ROOFING INSTALLATION

ROOF DECK PREPARATION: Existing roof must be over solid sheathing, free of protruding nails or buckled shingles and be made smooth to receive new shingles. Underlayment felt is required if existing roof leaked. Install drip edge at eaves where necessary. Apply a non-corroding molding along the rakes to cover the edges of old roofing. Remove old hip and ridge shingles and apply 6" wide metal or 30 pound roofing felt flashing centered over crown. Where

eaves or rakes are badly weathered, cut back old shingles to receive a 1" x 6" wood edging strip. (Figure 12)

FLASHING: Remove and replace any worn or deteriorated flashing. If existing valley is of the open type and deep, fill in with wood slats sufficiently thick to bring the level up to the flat plane of the roof. Install new valley flashing.

ROOFING INSTALLATION: Apply roofing per New Roof Installation instructions. Use fasteners, nails or staples, which will fully penetrate the sheathing.



The statements expressed in this technical bulletin are the recommendations for the application of the Masonite brand products as outlined and illustrated. Unless prior approval is obtained in writing from the Quality Assurance Department of Masonite Corporation, any deviation from these recommended procedures shall be at the sole risk of the installers. For further technical information, write to Masonite Corporation Quality Assurance Department — Ukiah, CA.

Masonite is a registered trademark of Masonite Corporation.

Application Guide

The statements expressed in this technical bulletin are the recommendations for the application of Masonite brand products as outlined under normal conditions of installation. Masonite Corporation is a manufacturer of building materials. It does not practice architecture or engineering. The recommendations provided in this bulletin represent our best judgment based on our experience to date with normal applications. Unless prior approval is obtained in writing from the Quality Assurance Department of Masonite Corporation, any deviation from these recommended procedures shall be at the sole risk of the installers.

1. Woodruf roofing may be applied over 1/2" CDX plywood or equivalent solid roof sheathing on roofs of 4/12 pitch or greater.
2. Install 15-pound, or heavier, asphalt saturated felt over the entire deck.
3. Begin installation of roofing shingles with a 1" by 3" starter board nailed along all eaves. Overhang first course one inch beyond eave edge.

4. Position second and subsequent courses using the guide marks on the shingles. The exposed surface should measure approximately 8-3/4", and the headlap 3".
5. Woodruf may be fastened with properly sized, corrosion-resistant nails or staples. The fasteners should be of sufficient length to penetrate 3/4" into wood decking or through plywood sheathing.
6. Apply caulk, angle/valley flashing and Woodruf hip and ridge units in a conventional manner where required.
7. Woodruf may be cut with standard woodworking tools.

For specific recommendations regarding the installation of Woodruf roofing for new or reroofing applications, refer to detailed application instructions accompanying the product, or request same from Quality Assurance Department, Masonite Corporation, Western Hardboard Division, 300 Ford Road, Ukiah, California 95482.

Masonite Corporation 5/25 Year Limited Warranty

Masonite Corporation, subject to the conditions and limitations listed herein, warrants Woodruf roofing to be free from manufacturing defects in materials and workmanship for a period of 25 years. Masonite Corporation also warrants Woodruf roofing to resist wind and hail damage for a period of 5 years. For the purpose of this warranty, wind resistance is defined as resistance to wind damage up to and including gale force of 54 mph (Beaufort Scale #9).

Should Woodruf roofing fail as described above in the first year following installation, Masonite Corporation, after inspection and verification, will replace defective or damaged material, including the cost of installation labor performed by a professional roofer, or issue a refund, with total compensation not to exceed the original installed cost (material and direct labor) of the affected material. Masonite Corporation shall be responsible for labor costs only when the original installation was performed by a professional roofer.

In the second year, and thereafter until the expiration of the warranty, Masonite Corporation will compensate the owner for the affected roofing material (no installation labor costs) in proportion to the unexpired warranty period. The original purchase price of the roofing shall be reduced by the amount indicated below for every month of service provided after the date of installation.

	WARRANTY	MONTHLY REDUCTION
HAIL:	5 years (60 months)	1/60
MANUFACTURING DEFECTS:	25 years (300 months)	1/300

Total compensation shall not exceed the original cost of the affected roofing.

The warranty period commences from the date of installation, and is valid only when the roofing materials have been applied in accordance with published installation recommendations. Should a failure occur in the ways described above, it must have resulted directly and solely from manufacturing defects. The warranty does not include costs of work relating to flashings, vents, metal work, underlayment, framing, and other materials not manufac-

tured by Masonite Corporation. Failure to perform normal homeowner maintenance, or to follow application instructions shall result in these warranties becoming null and void.

Masonite Corporation will not be liable for, and this warranty does not apply to:

- A. Labor costs for applications of roofing other than for the first year.
- B. Failure, defect, damage or loss resulting from tear-off.
- C. Damage to the interior or exterior of a building, or property damage or personal injury.
- D. Claims for wind damage, unless supported by evidence that wind was the direct cause of the damage.
- E. Damage to the roof caused by lightning, hurricane, tornado, impact of foreign objects, or other violent storm or casualty; or damage to the roof due to settlement, distortion, failure or cracking of the roof deck, walls or foundation of a building; or any defect in or failure of material used as a roof base over which roofing is applied; or damage by abusive traffic on the roof; or damage from any cause other than manufacturing defect.
- F. Masonite Corporation accepts no responsibilities for defects or damages resulting from or connected with misuse, abuse, improper installation, lack of normal maintenance, or other causes beyond the manufacturer's control.

Claims under the warranty must be made in writing to the manufacturer within the period of the warranty, and prior to beginning any repair work. The owner shall provide Masonite Corporation the right to examine the applied roofing and to obtain samples and/or pictures of the alleged defective material. **IN NO INSTANCE IS MASONITE CORPORATION RESPONSIBLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. THE DURATION OF ANY IMPLIED WARRANTY WILL BE THE SAME AS THAT OF THE EXPRESSED WARRANTIES STATED HEREIN.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the limitation or exclusion may not apply to you.

Regional Offices

CALIFORNIA

Manufactured Housing
300 Ford Road
Ukiah, California 95482
(707) 462-2961, ext. 324

1940 West Orangewood Avenue
Suite 103
Orange, California 92668
(714) 978-9213

475 South San Antonio Road
Suite B
Los Altos, California 94022
(415) 941-2104

COLORADO

6590 Downing Street
Denver, Colorado 80229
(303) 287-2811



MASONITE
CORPORATION

Western Hardboard Division
300 Ford Road
Ukiah, California 95482
(707) 462-2961