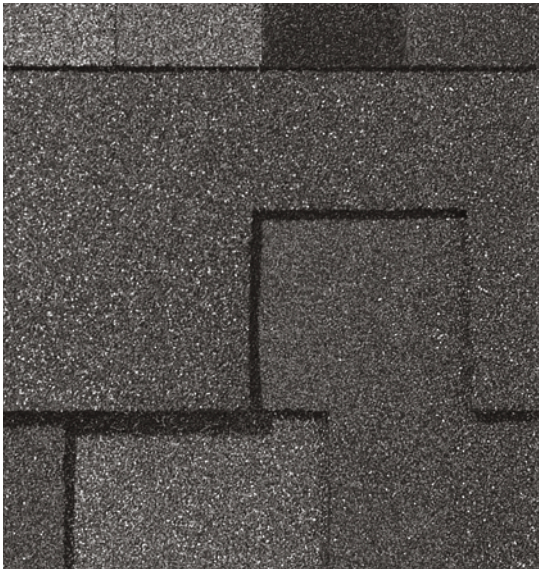




Domain[®] ROOFING PRODUCTS SPECIFICATION - SHAFTER, CA



Domain Ashford[™]

Product size	15 ³ / ₁₆ " x 40 ¹ / ₂ "
Exposure	4 ⁷ / ₁₆ " to 8 ⁷ / ₈ " random exposure
Pieces/Bundle	16
Bundles/Square	5/99.8 sq. ft.
Squares/Pallet	6

Limited Warranty: 40 years/ up to 110 MPH wind warranty*

40-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

HIP AND RIDGE SHINGLES

Vented RidgeCrest [™]	Size: 13" x 13 ¹ / ₄ " Exposure: 9 ¹ / ₄ " Pieces/box: 26 Coverage: 5 boxes = 100 linear feet
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Non-Vented RidgeCrest	Size: 9 ⁷ / ₈ " x 13 ¹ / ₄ " Exposure: 9 ¹ / ₄ " Pieces/box: 32 Coverage: 4 boxes = 100 linear feet
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Z [®] Ridge hip and ridge	Size: 9 ⁷ / ₈ " x 13 ¹ / ₄ " Exposure: 5 ⁷ / ₈ " Pieces/bundle: 72 Coverage: 3 bundles = 100 linear feet
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ACCESSORIES

Elk Starter Strip	Pieces/bundle: 19 1 Bundle = 120.33 linear feet
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Domain Starter Strip	Size: 39 ¹ / ₂ " x 13 ¹ / ₄ " Pieces/bundle: 18 1 Bundle = 59.25 linear feet
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Available Colors: Browncastle, Ravenswood, Shadow Gray, Stonehenge.

Domain roofing products contain Elk WindGuard[®] sealant. WindGuard activates with the sun's heat, to resist blow-offs and leaks.

Check for availability with built-in StainGuard[®] treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

Domain Ashford shingles meet UL[®] 997/ASTM D3161 Class F Wind Resistance; UL 2390/ASTM D6381 Class H Uplift Resistance; UL 790/ASTM E108 Class A Fire Rating; requirements of ASTM D3018, D3462 and CSA A123.5.

SPECIFICATION

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of Domain Ashford shingles. Color shall be Browncastle, Ravenswood, Shadow Gray or Stonehenge. Hip and ridge type to be **Elk RidgeCrest with FLX[™] (regular or vented)**, Elk Z[®] Ridge and/or Elk HighPoint ridge vents (See ridge package for installation instructions).

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to

the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks or other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. Fasteners shall be of sufficient length and holding power as required in manufacturers' instructions for securing material.

Complete installation instructions are included by Elk with every shingle package. All warranties are

contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond Elk's instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those printed here.

For specifications in CSI format call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com

*See actual warranty for conditions and limitations.

MIDWEST OFFICE:
800.226.6111

SOUTHWEST OFFICE:
888.355.5882

WESTERN OFFICE:
800.791.8545

NORTHWEST OFFICE:
877.840.7635

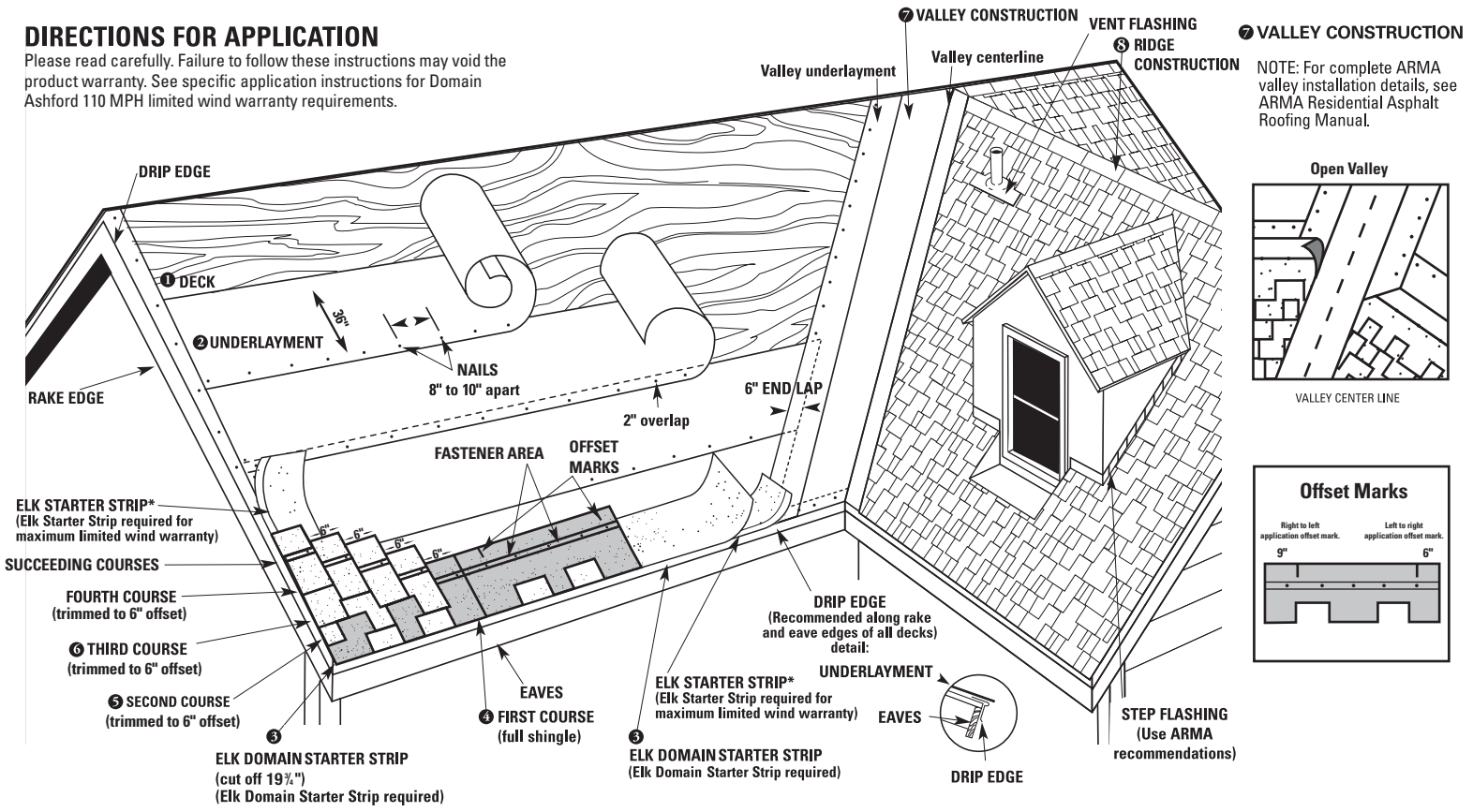
CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.355.4968

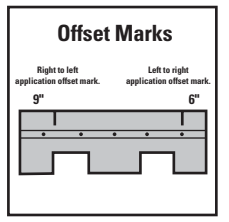
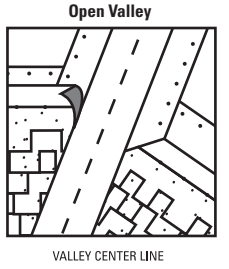


DIRECTIONS FOR APPLICATION

Please read carefully. Failure to follow these instructions may void the product warranty. See specific application instructions for Domain Ashford 110 MPH limited wind warranty requirements.



NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual.



DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. SHINGLES SHOULD NOT BE JAMMED TIGHTLY TOGETHER. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

1 DECK PREPARATION

Roof deck should be dry, well-seasoned 1" x 6" boards; exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

2 UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). To achieve proper seam coverage at the eave edge, apply two layers of underlayment or one of Elk's All Climate Underlayment (Self-Adhering Waterproofing Membrane). Cover drip edges at eaves only.

EAVE FLASHING FOR ICE DAMS (REFER TO ARMA MANUAL AND CHECK LOCAL CODES)

For slopes 4/12 to less than 21/12, use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of Elk's All Climate Underlayment (Self-Adhering Waterproofing Membrane).

Not recommended for low slope application (less than 4/12).

Consult the Elk Field Service Department for application specifications over other decks and other slopes.

3 STARTER SHINGLE COURSES

First Starter Course

USE ONLY AN ELK STARTER STRIP APPLIED AT THE EAVE EDGES. With at least 4" trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

Second Starter Course

USE AN ELK DOMAIN STARTER STRIP (MATCH DOMAIN STARTER STRIP AND SHINGLE COLORS) OVER THE ELK STARTER APPLIED AT THE EAVE EDGE. Make certain the Domain Starter Strip is applied so the portion exposed matches the color of the field shingles. Start at the rake with a shingle having 19-3/4" trimmed off (cut one shingle in half) and continue across the roof with full-sized Domain Starter Strip shingles laid flush with the first Elk Starter course. Fasten the Domain Starter Strip 7" from the eave edge and 1" from each side.

LEFT TO RIGHT APPLICATION INSTRUCTIONS

4 FIRST COURSE OF FIELD SHINGLES

Start at rake and continue across the roof with full shingles laid flush with the starter course.

5 SECOND COURSE

Offset the shingle on the second course 6" to the left of the first course. The right end of the shingle will line up with the offset mark at the top of the shingle on the first course. Continue across the roof with full shingles.

6 THIRD AND SUCCEEDING COURSES

On the third and succeeding courses, continue to cut shingles so that the 6" offset pattern is maintained. Every course on the roof begins with the shingle offset 6" from the shingle on the preceding course.

RIGHT TO LEFT APPLICATION INSTRUCTIONS

Follow the same application instruction specified in the LEFT TO RIGHT, 6" offset method, except change the offset size to 9" instead of 6".

DO NOT RACK SHINGLES STRAIGHT UP ROOF. FAILURE TO FOLLOW THE OFFSET SIZES MAY CAUSE PATTERNING ON THE ROOF.

7 VALLEY CONSTRUCTION

Open valley is the only recommended method for this product. Use ARMA recommended procedures. It is acceptable to replace the 36" underlayment and 50lb felt with a single layer of Elk's All Climate Underlayment (Self-Adhering Waterproofing Membrane).

8 RIDGE CONSTRUCTION

For ridge construction, use class "A" Z-Ridge, Seal-A-Ridge® with FLX™, RidgeCrest™ with FLX or Elk HighPoint™ Ridge Vents (See package for installation instructions).

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions. For slopes 12/12 to less than 21/12, nails are required.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof overs.

STAPLES: Corrosive resistant 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" penetration or penetration through the deck, whichever is less.

LIMITED WIND WARRANTY

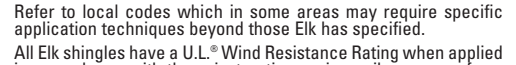
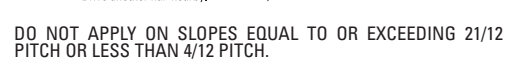
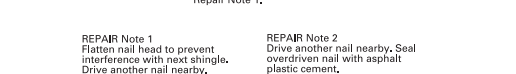
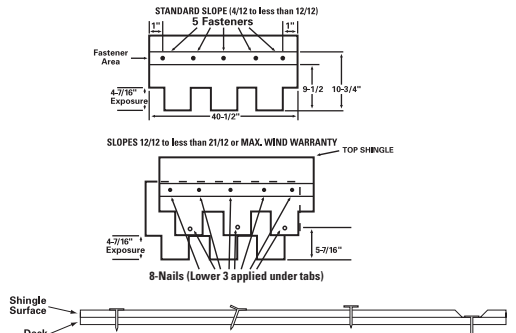
• For a Limited Wind Warranty up to 80 MPH, Domain Ashford shingles must be applied with 5 properly placed nails per shingle. Place a nail 1" from each edge and three others spaced equally in the fastener area.

* For a Limited Wind Warranty up to 110 MPH, or for slopes 12/12 to less than 21/12, Domain Ashford shingles must be applied with 8 properly placed nails per shingle. Also, Elk Starter Strip shingles must be applied at the eave and rake edges to qualify shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk shingles or the Elk Starter Strips overhang eaves or rake edges more than 3/4".

Proper Nail Placement for 12/12 to less than 21/12 pitch and 110 MPH wind warranty

After applying five nails in the fastener area, apply three additional nails, 1" above the tabbed section of the shingle, through the double layer thickness of the shingle. Make certain that the tabs of the next shingles course cover the three secondary nails. Shingles with only two tabs should still have three secondary nails.

CAUTION: Do not use fastener lines for shingle alignment.



REPAIR Note 1: Flatten nail head to prevent interference with next shingle. Drive another nail nearby.

REPAIR Note 2: Drive another nail nearby. Seal overdriven nail with asphalt plastic cement.

DO NOT APPLY ON SLOPES EQUAL TO OR EXCEEDING 21/12 PITCH OR LESS THAN 4/12 PITCH.

Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.

All Elk shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied.

DO NOT DOUBLE STACK. Systematically ROTATE ALL STOCK so that the material that has been stored the longest will be the first to be moved out.

U.S. Patent applied for.



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