

PARAMOUNT *Advantage*[®]

HEAVYWEIGHT SIGNATURE CUT SHINGLES

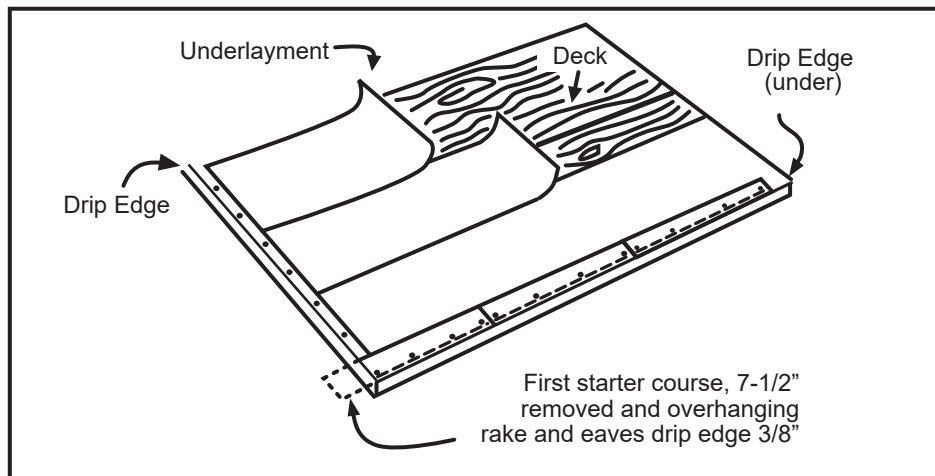
Getting Started

General Instructions

This technical bulletin is focused on getting Paramount Advantage[®] shingle installation started correctly. Specifically, this bulletin details the application of PABCO[®] Universal Starter, Paramount Starter, and the first few courses of Paramount Advantage shingles. These instructions provide details for generating the diagonal application pattern for Paramount Advantage shingles. This diagonal application pattern generates the intended roof appearance, covers all of the shingle end joints, and properly positions the sealant stripe. This provides maximum leak and wind resistance. These instructions are written for starting at a left hand corner and generate a right to left diagonal going up the roof. Paramount Advantage[®] can also be applied with a left to right diagonal application if starting from a right hand rake edge. Both left to right application and right to left application provide the desired appearance, but the two methods cannot be mixed. Decide which application sequence is to be used, and use it for the whole roof.

Apply underlayment, drip edge, eaves, and valley flashing materials before starting the application of shingles. See our Paramount Advantage Directions For Application for additional details.

The first starter course is started with PABCO[®] Universal Starter. Remove 7-1/2" from the end. PABCO[®] recommends the use of nails. Apply Universal Starter with 4 nails 1" long, placed just above the sealant stripe. In high wind areas, apply Universal Starter with 6 nails. Apply the piece at the lower left corner of the deck with the granule side up and the sealant at the eave, overhanging the drip edge 1/4" to 3/8" at the rake and eaves. Finish across the deck with full length pieces.



The second starter course is started with a piece of Paramount[®] Starter matching the color of Paramount Advantage[®] for the rest of the roof (reference image on page 2). Remove 5-3/4" from the end. Apply the piece at the lower left corner of the deck, aligned at the eaves and rake with the first starter (overhanging drip edge 1/4" to 3/8").

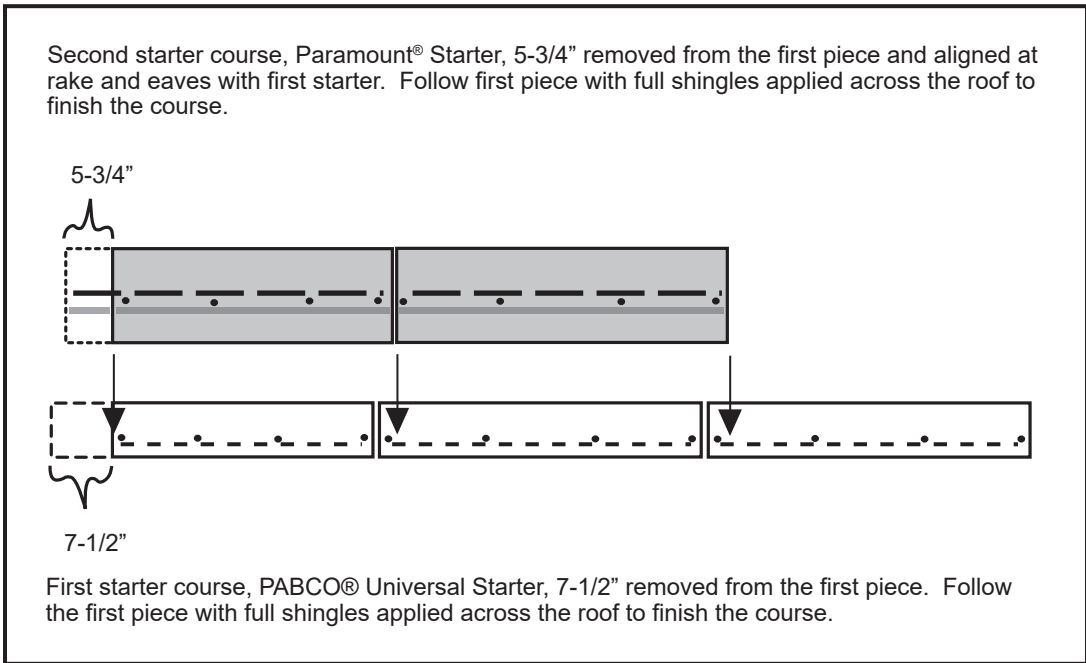
Attach with 4 roofing nails at least 1" long, placed in the nail area. The nail area is above the shadow line (darker colored band of granules) and below the sealant stripe. Use 6 nails for high wind applications.

NAILS MUST BE ABOVE THE SHADOW LINE to assure that they will not be exposed in the spaces between the teeth of the Paramount Advantage[®] shingle that will cover this starter course. Finish across the deck with full length pieces.



PABCO[®] Roofing Products
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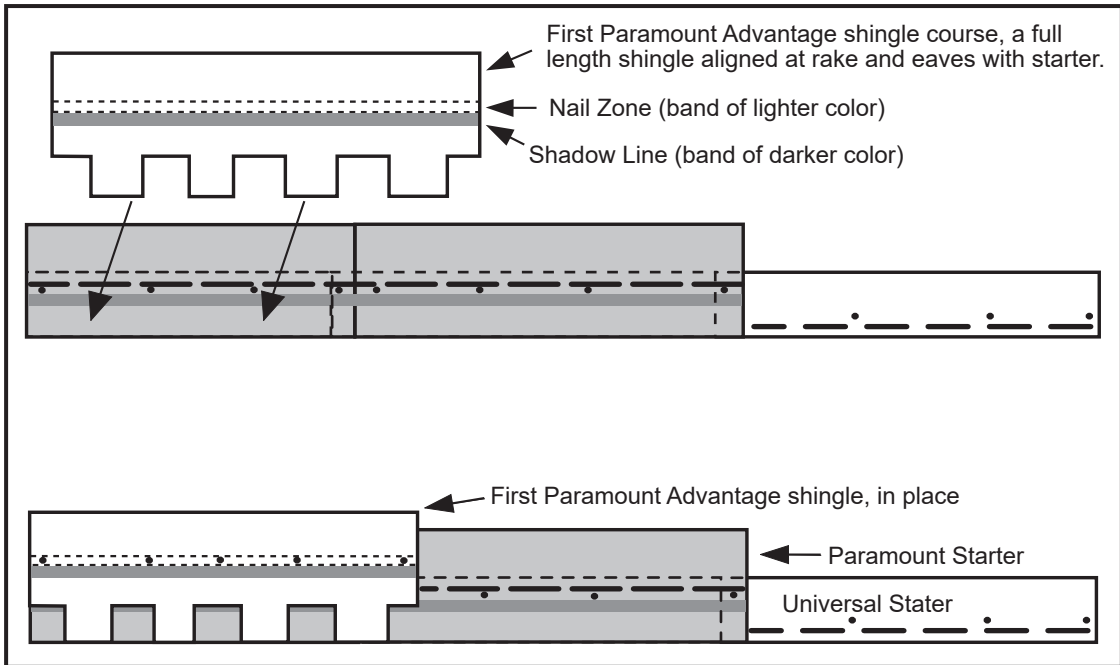
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The first Paramount Advantage® course is started with a full shingle. Place the shingle at the lower corner of the deck, over the Paramount® Starter. Align the end of the shingle and the bottom of the shingle teeth with the edges of the Paramount® Starter under it.

For standard slope roofs attach with 5 nails, placed in the nail zone. The nail zone is a band of light colored granules on the face of the shingle 9-1/2" to 11" up from the bottom of the teeth.

Steep slopes (greater than 21" per foot) require 6 nails and hand sealing. High wind application also requires 6 nails. See our Paramount Advantage Application Details - Nailing Instructions for additional details.



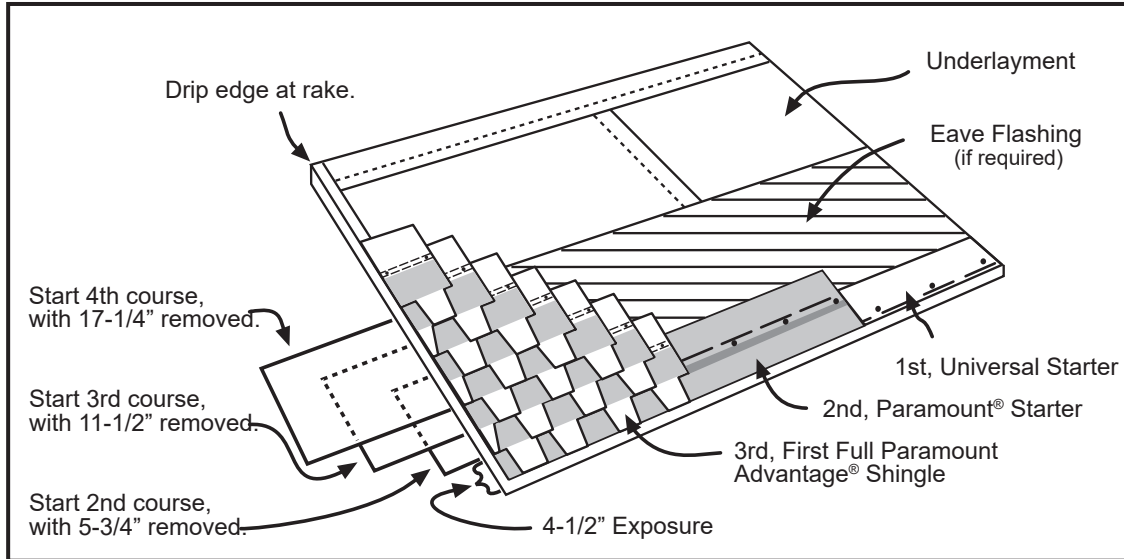
The second Paramount Advantage® course is started with a shingle with 5-3/4" cut off its left end (reference image on page 3). Apply this 34-1/4" long piece over the headlap of the shingle below, flush with the left edge of that shingle. The teeth are 4-1/2" high. Expose 4-1/2" of the shingle below by placing the bottom of the teeth for this shingle even with the top of the area between the teeth of the shingle below.

The third Paramount Advantage® course is started with a shingle with 11-1/2" cut off its left end. Apply this 28-1/2" long piece over the headlap of the shingle below, flush with the left edge of that shingle, exposing 4-1/2" of the shingle below.

The fourth Paramount Advantage® course is started with a shingle with 17-1/4" cut off its left end. Apply this 22-3/4" long piece over the headlap of the shingle below, flush with the left edge of that shingle, exposing 4-1/2" of the shingle below.

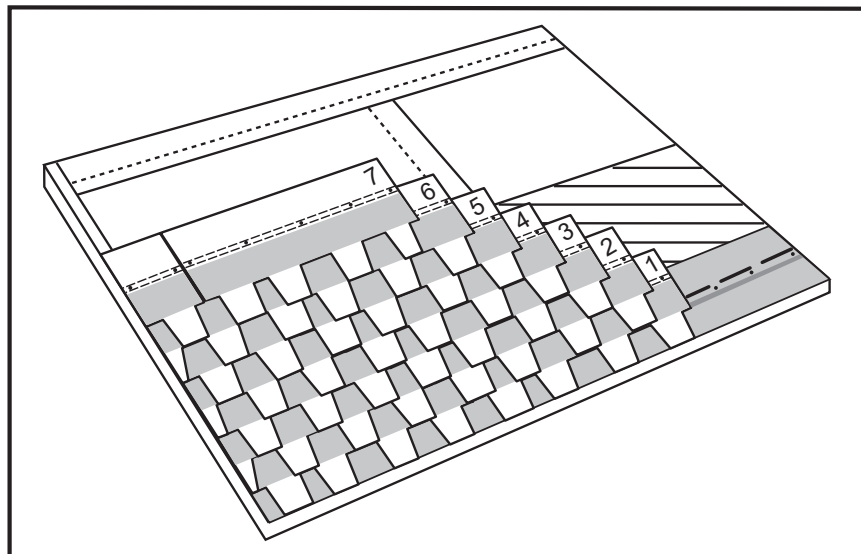
Courses 5, 6 and 7 are started with partial shingles, progressively 5-3/4" shorter than the prior shingle. See the table below. You have now established the overall diagonal offset pattern. See the illustration below. Pieces cut from shingles along the left rake may be usable to finish off courses along the right rake.

Course #	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
Cut Off	0"	5-3/4"	11-1/2"	17-1/4"	23"	28-3/4"	34-1/2"	0"
Apply	40"	34-1/4"	28-1/2"	22-3/4"	17"	11-1/4"	5-1/2"	40"



Apply full shingles to the right side of the shingles in courses one through seven.

Repeat the diagonal pattern from the first seven courses by starting course eight with a full shingle and proceeding with partial shingles, progressively 5-3/4" shorter than the prior shingle, as detailed on the previous page.



The PABCO® Limited Shingle Warranty

PABCO warrants that our shingles are free from manufacturing defects that adversely affect their performance. PABCO is not responsible for failures of any roof system that are not directly attributable to a PABCO product. See the PABCO Limited Shingle Warranty for details, limits, and conditions.



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