

APPLICATION INSTRUCTIONS

ASPHALT SHINGLES



SECTION 5 — LAMINATE SHINGLES

- 5.0 Weather-Tite™ : Sealant Bands / Release Tapes
- 5.1 East : Everest 42 and Mystique 42
- 5.2 West : Mystique 42 and Vanguard 42 IR
- 5.3 East / West: Manoir

5.0 – Weather-Tite™ : Sealant Bands / Release Tapes

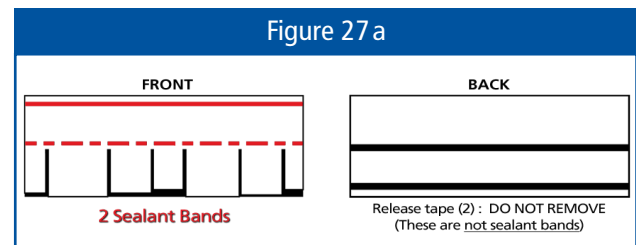
NOTE : Laminate Shingles are now backed with BP's innovative Weather-Tite™ Technology. These Shingles now include 2 Sealant Bands which provide superior protection in the toughest weather (see Table 3).

Shingles	Standard Wind Warranty	High Wind Warranty
• Manoir East / West		
• Everest 42 East	180 km/h (110 mph)	220 km/h (135 mph)
• Mystique 42 East / West		
• Vanguard 42 IR West		

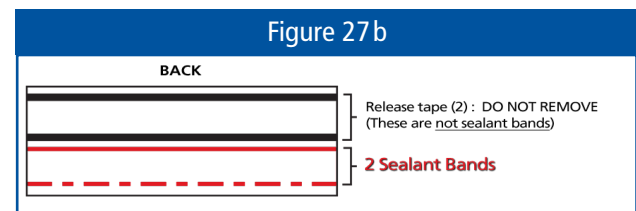
In order to make the distinction between the application of shingles offered in the West versus those offered in the East (see Figure 26).



Mystique 42, Vanguard 42 IR and Manoir laminate shingles have 2 sealant bands located on the front of the shingle as well as 2 release tapes (to prevent sticking during stacking) on the back which should not be removed (see Figure 27a).



Mystique 42 and Everest 42 laminate shingles have 2 sealant bands as well as 2 release tapes (to prevent sticking during stacking) on the back which SHOULD NOT BE REMOVED (see Figure 27b).



*Manufactured in the West. Sealant Bands are located on the Top / Front of each Shingle (also see Figure 27a).

**Manufactured in the East. Sealant Bands are located on the Bottom / Back of each Shingle (also see Figure 27b).



SECTION 5

Before proceeding with the installation, please refer to the following sections in this Application Instructions :

Section 1 – Getting Ready For The Job ;

Section 2 – Preparation, Protection of vulnerable area & Ventilation ;

Section 3 – General Instructions.

NOTE : Compliance with all local safety regulations is the responsibility of the applicator. Compliance with current building code requirements is the responsibility of the applicator and the homeowner. Self-sealing hip and ridge shingles contain self-sealing adhesive strips that must be exposed to sufficient surface temperatures before full thermal sealing can occur. Shingles installed in the fall or winter may not seal until they are exposed to such periods of sufficient surface temperatures (see [Section 3.1-F](#)). In addition, contamination of the sealant by dust or foreign matter may prevent the sealing strip from achieving full thermal seal. Prior to sealing, shingles are more vulnerable to being blown-off or incurring wind damage.

Building Products of Canada Corp. reserves the right to modify the following application instructions at any time. To obtain the latest and complete version of the application instructions, please visit www.bpcan.com.

GENERAL DIRECTIONS :

- **Roof Deck**
See Section 2.2
- **Asphalt Plastic Cement**
See Section 3.1-B
- **Installing Over Existing Layer of Shingles**
See Section 3.1-G
- **Eave Protection**
See Section 3.2-A
- **Underlayment**
See Section 3.2-B
- **Low Slope Application**
See Section 3.3
- **Valley Preparation**
See Section 3.5
- **Flashing**
See Section 3.6

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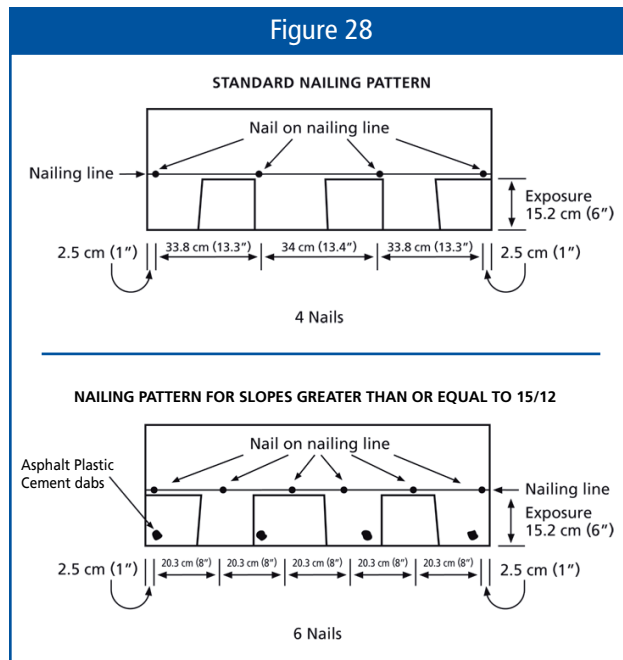


5.1 – LAMINATE SHINGLES EAST – Everest 42 and Mystique 42

APPLICATION OF SHINGLES :

Nailing :

Improper nailing will render the warranty null and void (see Section 3.1-A). Nail as per Figure 28. The head of the nails must be driven flush to the top of the shingle surface. Raised nails can result in shingle distortion and may prevent sealing due to lack of contact with the sealant. Do not use staples to fasten shingles. A minimum of four nails per shingle is required for all slopes. On slopes greater than or equal to 15/12, a minimum of six nails is required (see Section 3.1-D).



Everest 42 and Mystique 42 shingles must be nailed on the nailing line to allow penetration through the double-ply area just above the tops of the laminated tabs. Nails must be long enough to penetrate a minimum of 19 mm ($\frac{3}{4}$ ") into solid wood deck or just through the plywood deck.

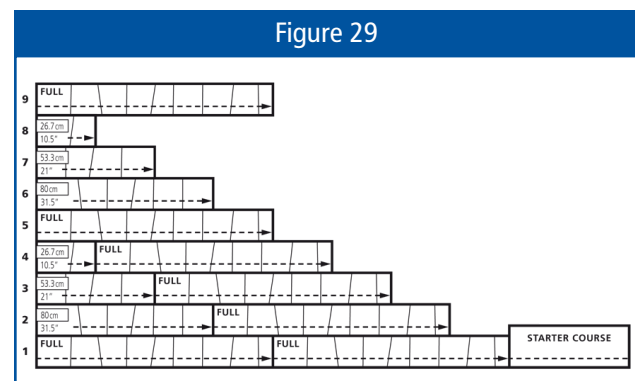
Place one nail 2.5 cm (1") back from each end and one 33.8 cm (13.3") back from each end of the shingle for a total of four nails, or place one nail 2.5 cm (1") back from each end and equally space four more nails every 20.3 cm (8"), for a total of six nails (see Figure 28).

Starter Course :

- 1] On the deck chalk a horizontal line at 18.8 cm ($7\frac{3}{8}$ ") from the lower edge of the drip ;
- 2] Use BP Starter Strip Shingle or cut away and discard the lower tab portion of the 3-tab shingle ;
- 3] In order to off-set seams, cut 15,2 cm (6") off the left end of the first starter shingle and install with the factory applied adhesive adjacent to the eaves. Starting at the rake edge, align top edge of this piece with the chalk line. If the shingles do not overhang the eaves by 6 mm ($\frac{1}{4}$ "), adjust your horizontal chalk line accordingly ;
- 4] Continue across the roof with full length starter shingles. Nail with four nails equally spaced across the shingle, at 7.6 cm (3") up from the eaves ;
- 5] Asphalt Plastic Cement may be used underneath the starter shingles and along the rake edge. It should be used sparingly, as excessive amounts may damage shingles.

Application :

Always assure there is a minimum of 15.2 cm (6") offset between the ends of shingles from row to row. Start the first course with a full shingle. For the second course, cut 26.7 cm (10.5") from left end of shingle, and apply the long section over the headlap of the first course shingle, exposing 15.2 cm (6") of it. For the third course, cut



53.3 cm (21") from the left end of the shingle and apply the long section over the headlap of the second course. Begin the fourth course with a partial shingle measuring 26.7 cm (10.5") establishing the overall diagonal method. Start the fifth course with a full shingle, repeating the process beginning with a full shingle and starting each succeeding course as described above. Continue to make your way across the roof, ensuring a 15.2 cm (6") exposure throughout the roof (see [Figure 29](#)).

NOTE : When working with cut piece, ensure that there is a minimum of 15.2 cm (6") offset between the ends of pieces from row to row. Always leave a space of 1" minimum between the nail heads and the shingle edges.

Shingles In Valley :
Refer to [Section 3.5](#).

Hip and Ridge Treatment :

Use appropriate BP 3-tab shingle of same colour (see [Table 4](#)). Ensure shingles are sufficiently warm and flexible to prevent cracking in cold climates. For details see [Section 3.7](#).

Laminate Shingles	Hip and Ridge
Manoir EAST / WEST	Yukon
Everest 42 EAST	Yukon
Mystique 42 EAST	Dakota
Mystique 42 WEST	Yukon
Vanguard 42 IR WEST	Yukon

5.2 – LAMINATE SHINGLES WEST – Mystique 42 and Vanguard 42 IR

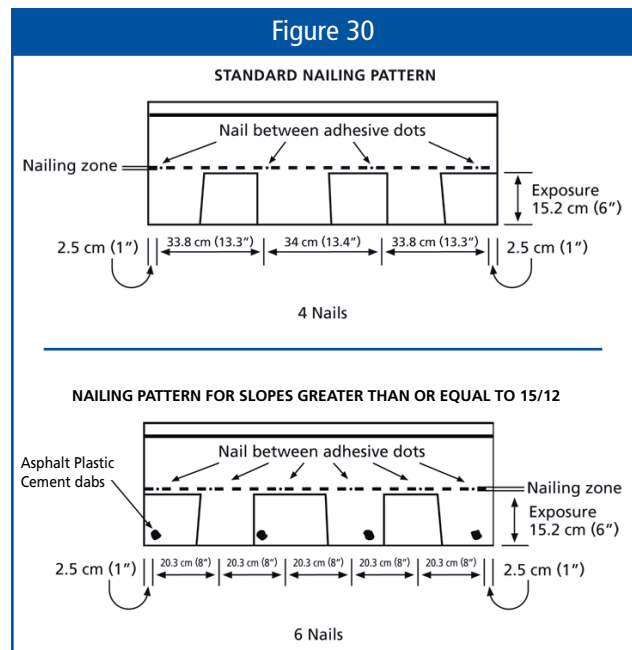
APPLICATION OF SHINGLES :

Nailing :

Improper nailing will render the warranty null and void (see [Section 3.1-A](#)). Nail as per [Figure 30](#). The head of the nails must be driven flush to the top of the shingle surface. Raised nails can result in shingle distortion and may prevent sealing due to lack of contact with the sealant. **Do not use staples to fasten shingles.** A minimum of four nails per shingle is required for all slopes. On slopes greater than or equal to 15/12, a minimum of six nails is required (see [Section 3.1-D](#)).

Mystique 42 and Vanguard 42 IR shingles must be nailed between the adhesive dabs of the patterned sealant band (nailing line) to allow penetration through the double-ply area just above the tops of the laminated tabs. Nails must be long enough to penetrate a minimum of 19 mm (3/4") into solid wood deck or just through the plywood deck.

Place one nail 2.5 cm (1") back from each end and one 33.8 cm (13.3") back from each end of the shingle for a total of four nails, or place one nail 2.5 cm (1") back

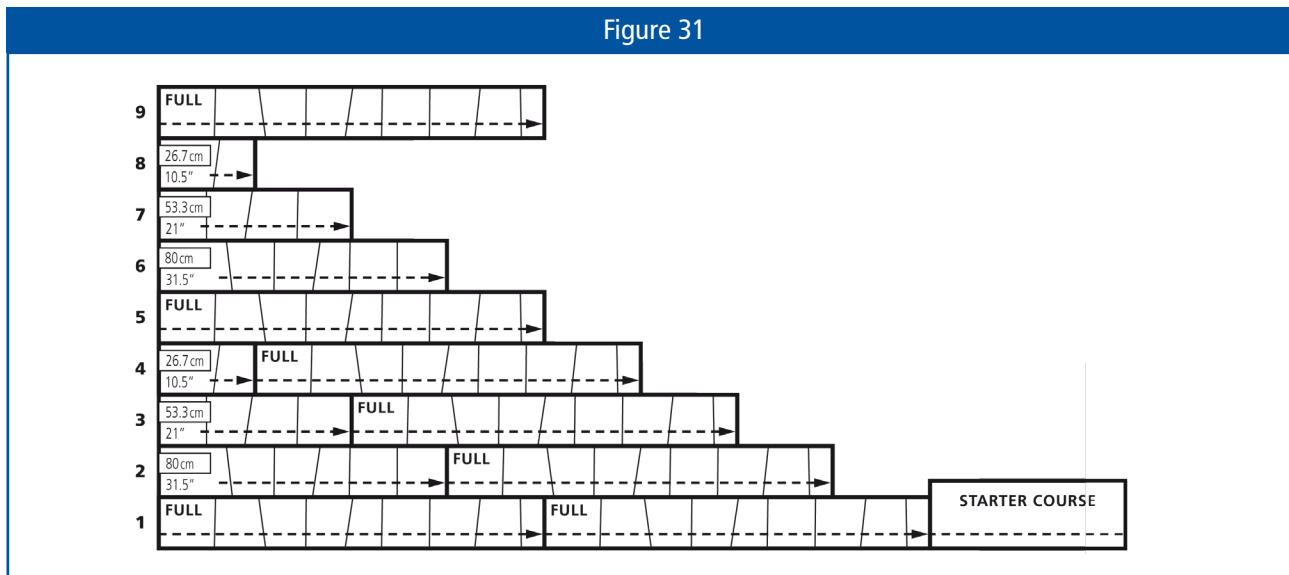


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Figure 31



from each end and equally space four more nails every 20.3 cm (8") for a total of six nails (see [Figure 30](#)).

It is not necessary to remove the cellophane tape from the back of the shingles.

Starter Course :

- 1] On the deck chalk a horizontal line at 18.8 cm (7 ³/₈"") from the lower edge of the drip ;
- 2] Use BP Starter Strip Shingle or cut away and discard the lower tab portion of the 3-tab shingle ;
- 3] In order to off-set seams, cut 15,2 cm (6") off the left end of the first starter shingle and install with the factory applied adhesive adjacent to the eaves. Starting at the rake edge, align top edge of this piece with the chalk line. If the shingles do not overhang the eaves by 6 mm (1/4"), adjust your horizontal chalk line accordingly ;
- 4] Continue across the roof with full length starter shingles. Nail with four nails equally spaced across the shingle, at 7.6 cm (3") up from the eaves ;
- 5] Asphalt Plastic Cement may be used underneath the starter shingles and along the rake edge. It should be used sparingly, as excessive amounts may damage shingles.

Application :

Always assure there is a minimum of 15.2 cm (6") offset between the ends of shingles from row to row. Start the first course with a full shingle. For the second course, cut 26.7 cm (10.5") from left end of shingle, and apply the long section over the headlap of the first course shingle, exposing 15.2 cm (6") of it. For the third course, cut 53.3 cm (21") from the left end of the shingle and apply the long section over the headlap of the second course. Begin the fourth course with a partial shingle measuring 26.7 cm (10.5") establishing the overall diagonal method. Start the fifth course with a full shingle, repeating the process beginning with a full shingle and starting each succeeding course as described above. Continue to make your way across the roof, ensuring a 15.2 cm (6") exposure throughout the roof (see [Figure 31](#)).

NOTE : When working with cut piece, ensure that there is a minimum of 15.2 cm (6") offset between the ends of pieces from row to row. Always leave a space of 1" minimum between the nail heads and the shingle edges.

Shingles In Valley :

Refer to [Section 3.5](#).

Hip and Ridge Treatment :

Use appropriate 3-tab shingles of equivalent colour (see [Table 4](#)) in [Section 5.1](#). Ensure shingles are sufficiently warm and flexible to prevent cracking in cold climates.

5.3 – LAMINATE SHINGLES EAST / WEST – Manoir

APPLICATION OF SHINGLES :

Nailing :

Improper nailing will render the warranty null and void (see [Section 3.1-A](#)). Nail as per [Figure 32](#). The head of the nails must be driven flush to the top of the shingle surface. Raised nails can result in shingle distortion and may prevent sealing due to lack of contact with the sealant. Do not use staples to fasten shingles. A minimum of four nails per shingle is required for all slopes. On slopes greater than or equal to 15/12, a minimum of six nails is required (see [Section 3.1-D](#)). To allow penetration through the double-ply area just above the tops of the laminated tabs, Manoir shingles must always be nailed between the adhesive dabs of the patterned sealant band. Nails must be long enough to penetrate a minimum of 19 mm ($\frac{3}{4}$ ") into solid wood deck or just through the plywood deck.

Place one nail 2.5 cm (1") back from each end and one 31.75 cm (12 $\frac{1}{2}$ ") back from each end of the shingle for a total of four nails, or place one nail 2.5 cm (1") back from each end and equally space four more nails every 19 cm (7 $\frac{1}{2}$ ") for a total of six nails (see [Figure 32](#)).

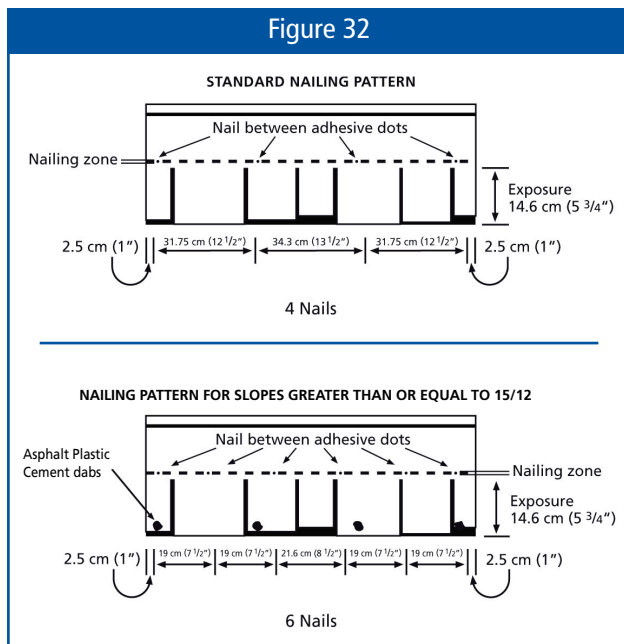
It is not necessary to remove the cellophane tape from the back of the shingles.

Starter Course :

- 1] On the deck chalk a horizontal line at 18.8 cm (7 $\frac{3}{8}$ ") from the lower edge of the drip ;
- 2] Use BP Starter Strip Shingle or cut away and discard the lower tab portion of the 3-tab shingle ;
- 3] In order to off-set seams, cut 15,2 cm (6") off the left end of the first starter shingle and install with the factory applied adhesive adjacent to the eaves. Starting at the rake edge, align top edge of this piece with the chalk line. If the shingles do not overhang the eaves by 6 mm ($\frac{1}{4}$ "), adjust your horizontal chalk line accordingly ;
- 4] Continue across the roof with full length starter shingles. Nail with four nails equally spaced across the shingle, at 7.6 cm (3") up from the eaves ;
- 5] Asphalt Plastic Cement may be used underneath the starter shingles and along the rake edge. It should be used sparingly, as excessive amounts may damage shingles.

Application :

Start the first course with a full shingle. For the second course, cut 25 cm (10") from left end of shingle, and apply the long section over the headlap of the first course shingle, exposing 14.6 cm (5 $\frac{3}{4}$ ") of it. For the third course, cut 50.8 cm (20") from the left end of the shingle and apply the long section over the headlap of the second course. Begin the fourth course with the remaining partial shingle from row 2 establishing the overall diagonal method. Start the fifth course with a full shingle, repeating the process beginning with a full shingle and starting each succeeding course as described above. Continue to make your way across the roof, ensuring a 14.6 cm (5 $\frac{3}{4}$ ") exposure throughout the roof (see [Figure 33](#)).

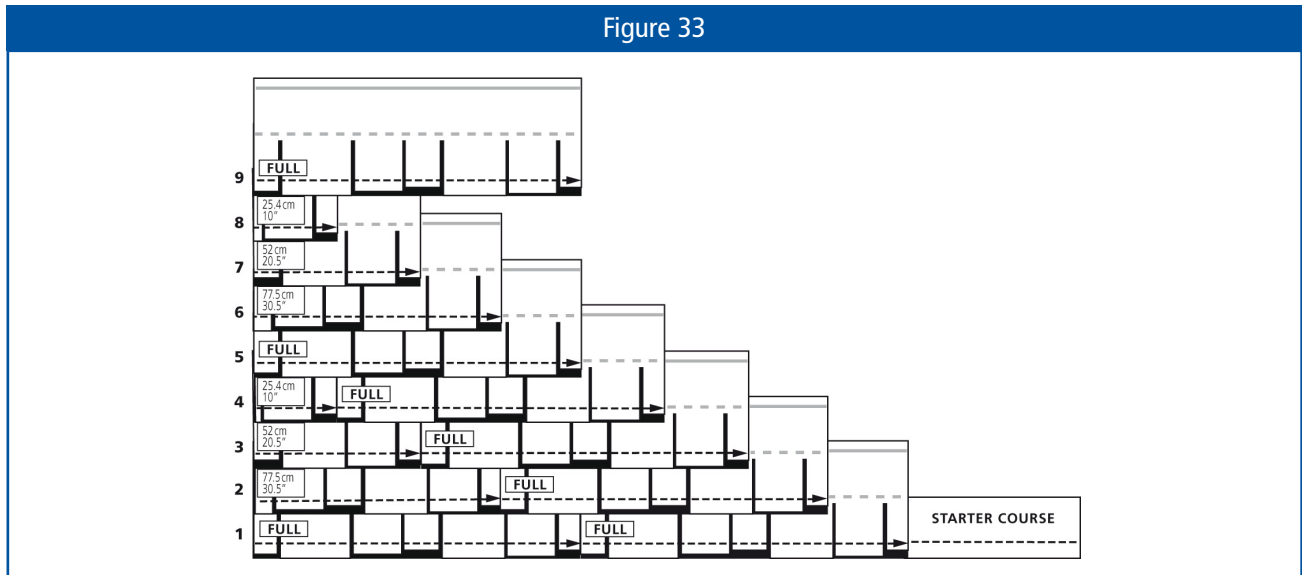


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Figure 33



NOTE : When working with cut piece, ensure that there is a minimum of 15.2 cm (6") offset between the ends of pieces from row to row. Always leave a space of 1" minimum between the nail heads and the shingle edges.

Shingles In Valley :

Refer to [Section 3.5](#).

Hip and Ridge Treatment :

Use appropriate 3-tab shingles of equivalent colour (see [Table 4](#)) in [Section 5.1](#). Ensure shingles are sufficiently warm and flexible to prevent cracking in cold climates.

Building Products of Canada Corp.

9510, St. Patrick Street, LaSalle (Quebec), Canada H8R 1R9
3703-101 Avenue N.E., Edmonton (Alberta), Canada T5J 2K8

If this application instructions differ from the instructions on the packaging, this document is to be considered current. Please make sure to download the most up to date version of this document from the Building Products of Canada Corp. website www.bpcan.com. Please refer to local building codes for addition installation requirements.

In order to benefit from the BP shingle warranty, the shingles must be installed in accordance with these applications instructions.