**ATTENTION:** Always refer to the most current technical information available at *www.lonseal.com*, and review completely prior to starting the job. Lonseal reserves the right to change its products' design and material, or to improve products or processes at any time without notice. Installation procedures and use of Lonseal products must be in strict accordance with Lonseal's technical documentation for warranty terms to be valid.

## RELATED TECHNICAL DATA SHEETS:
- ▶ Double Face Tape (DFT)
- ▶ Lonsealer
- ▶ Welding Thread

## LONWOOD DAKOTA PATTERN:
Use the following information with all Lonwood Dakota Topseal flooring, Lonvirga flooring, Lonwood Performa W547 and W548, and Lonwood with Foam W382. See **Notes** below for more information.

Pattern Repeat (nominal):

| | | |
|---|---|---|
| Machine (Roll) Direction: | 35.8 in. | (91.0 cm) |
| Cross Direction: | 24.7 in. | (62.8 cm) |
| Pattern Offset (MD): | 5.9 in. | (15.0 cm) |
| Plank Length: | 35.8 in. | (91.0 cm) |
| Plank Width: | 2.6 in. | (6.5 cm) |
| | 2.7 in. | (6.9 cm) |

1. Partial width planks will exist at the factory cut sides of the roll. Their widths can vary between product lots.
2. These planks are considered selvage and should be trimmed to create an aesthetically pleasing transition between adjacent sheets. It may be possible to leave partial planks with widths close to full width depending on the installation conditions, including seam length and location. When laying out the sheets, review the transition between the adjacent sheets to determine if the partial width planks will be apparent.
3. Partial planks at the perimeter of an installation with no adjacent sheet may remain.
4. After trimming all partial planks, proceed with the installation and complete the seam using the appropriate seaming method.

## LONWOOD MADERA PATTERN:
Use the following information with all Lonwood Madera Topseal flooring. See **Notes** below for more information.

Pattern Repeat (nominal):

| | | |
|---|---|---|
| Machine (Roll) Direction: | 48.0 in. | (121.9 cm) |
| Cross Direction: | 23.8 in. | (60.5 cm) |
| Pattern Offset (MD): | 24.0 in. | (61.0 cm) |
| Plank Length: | 16.0 in. | (40.6 cm) |
| | 32.0 in. | (81.3 cm) |
| Plank Width: | 4.8 in. | (12.1 cm) |

1. This pattern is designed to have adjacent sheets overlapped and aligned to match within the planks' fields, not at the plank edge lines.
2. Using an easily identifiable grain pattern (i.e. knot or cathedral), overlap and align the pattern. When using full width sheets, the partial planks at both factory cut edges use the same pattern. This is by design to minimize waste.
3. Once aligned, double-cut down the center of the planks. The result will be a continuous pattern across the adjacent sheets. See **Notes** below for more information.
4. Proceed with the installation and complete the seam using the appropriate seaming method.

## LONWOOD NATURAL PATTERN:
Use the following information with all Lonwood Natural Topseal flooring, Loncourt I CT38, Loncourt UV CT838UV, Lonwood Performa W549 and W550, and Lonwood with Foam W375. See **Notes** below for more information.

Pattern Repeat (nominal):

| | | |
|---|---|---|
| Machine (Roll) Direction: | 35.8 in. | (91.0 cm) |
| Cross Direction: | 24.7 in. | (62.8 cm) |
| Pattern Offset (MD): | 17.9 in. | (45.5 cm) |
| Plank Length: | 35.8 in. | (91.0 cm) |
| Plank Width: | Varies from 2.4 – 3.7 in. (6.0 – 9.5 cm) | |

1. This pattern is generally subtle enough that actual pattern matching across adjacent sheets is not necessary, as long as the pattern is staggered in the roll direction to blend aesthetically.

## LONZEBRA PATTERN:
Use the following information with all Lonzebra Topseal flooring, Lonmistral flooring, and Lonwood Performa W553. See **Notes** below for more information.

<u>Pattern Repeat (nominal):</u>

| | | |
|---|---|---|
| Machine (Roll) Direction: | 49.0 in. | (124.4 cm) |
| Cross Direction: | 28.4 in. | (72.2 cm) |
| Pattern Offset (MD): | 12.2 in. | (31.1 cm) |
| Plank Length: | 28.4 in. | (72.2 cm) |
| Plank Width: | 4.5 in. | (11.5 cm) |
| | 5.8 in. | (14.7 cm) |

1. This pattern is generally subtle enough that actual pattern matching across adjacent sheets is not necessary, as long as the pattern is staggered in the roll direction to blend aesthetically.

<u>NOTES:</u>

A. Marine products are covered in the **Marine Installation Guide**.

B. If a pattern is not mentioned in this guide, its pattern is considered subtle enough that no pattern matching is necessary, or its pattern repeat is negligible and should not impact the installation's layout.

C. Trying to pattern match at cross-seams can be difficult, depending on the flooring's pattern. If cross-seams are to be used, pattern match may be limited, and an installer should use their best judgment during layout.

D. Though all products mentioned in this guide are nominally 72" wide, the following patterns will have a decreased width once trimmed. This change in width should be taken into consideration when planning the installation, to ensure enough material is procured.

   ▷ **Lonwood Dakota Pattern:** Due to its manufacturing and final roll width trim, the selvage width can vary. For estimation purposes, assume 4 in. (10.2 cm) per seam will be lost, with approximately 2 in. (5.1 cm) being taken from each adjacent sheet.

   ▷ **Lonwood Madera Pattern:** Approximately 4 in. (10.2 cm) per seam will be lost, with approximately 2 in. (5.1 cm) being taken from each adjacent sheet.

E. The **Lonwood Madera Pattern** was not designed around trimming to the edge of a plank. Doing so will result in excess material waste. Additionally, a heat welded seam would obscure the defined plank lines for any seams in roll direction, since the welding thread is much wider than these lines and color matched to the wood.

F. Additional length may be lost from each sheet when aligning the **Lonwood Madera Pattern**. This amount will vary depending on the installation layout and where the cut was made in the roll. An installer would never need to move the sheet forward or back more than the longest plank length of 32 in. (81.3 cm), but in most cases it should be less. This potential change in length should be taken into consideration when planning the installation, to ensure enough material is procured.