



LIBERTY  
COLLECTION

American Oak.  
Domestic Manufacturing.

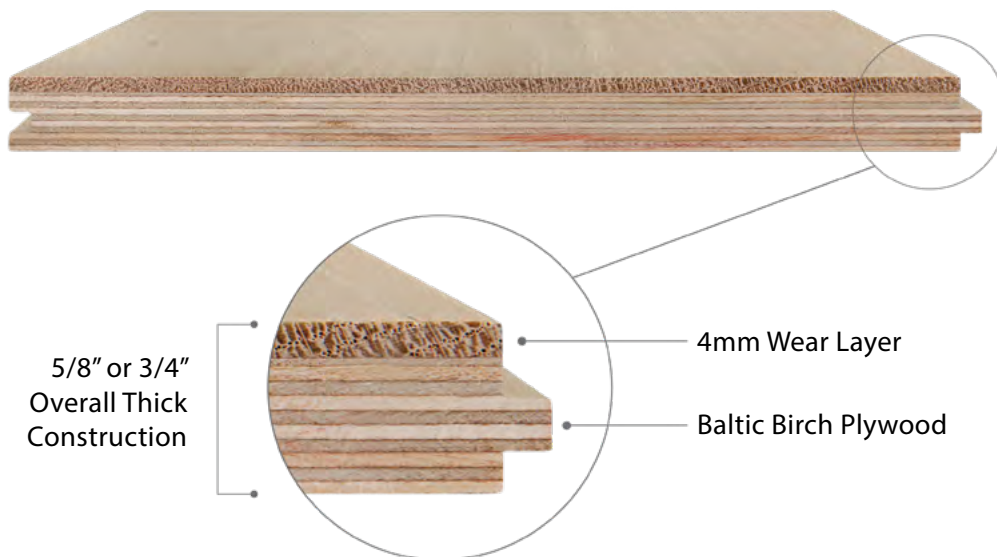
# Liberty Collection

AMERICAN OAK. DOMESTIC MANUFACTURING.

The Liberty Collection supports the trend of domestic manufacturing and is sourced, designed, produced, and finished in the United States. Made from North American White Oak which has been grown in responsibly managed forests, this line has been exquisitely milled. This collection is stocked as raw material making it available for your complete customization.

[Learn more](#) | [Explore The Custom Flooring Journey](#)

## 2 LAYERED ENGINEERED CONSTRUCTION



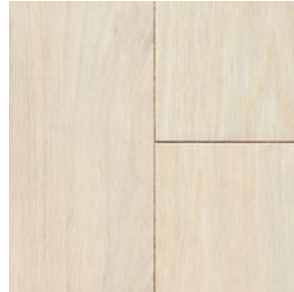
To view the complete Liberty Collection, scan the QR code using your smartphone.



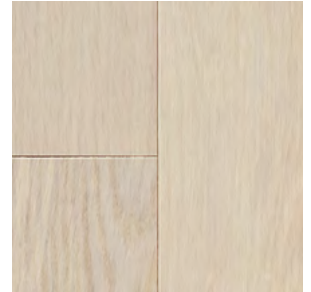
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SKU: RS891T3-C



**COSHOCTON**  
SKU: RS890T3-C



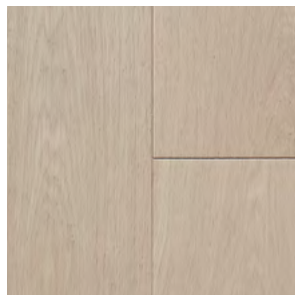
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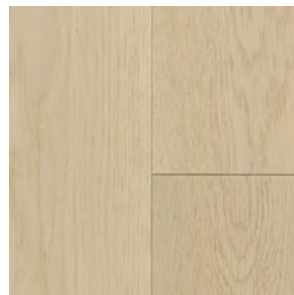
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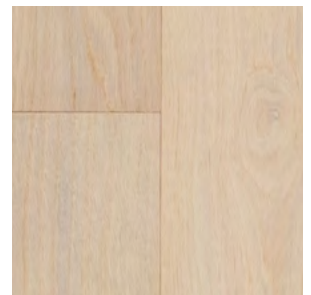
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**PATASKALA UM**  
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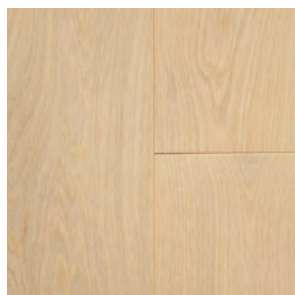
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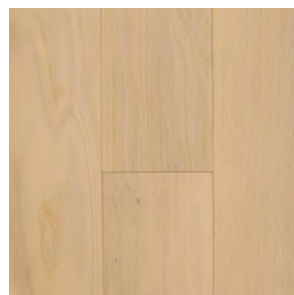
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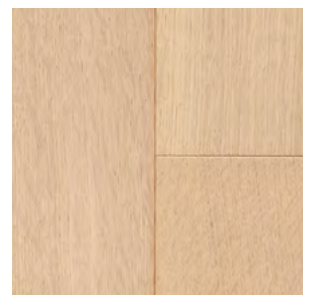
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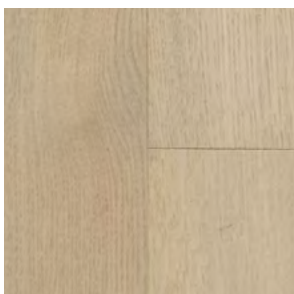
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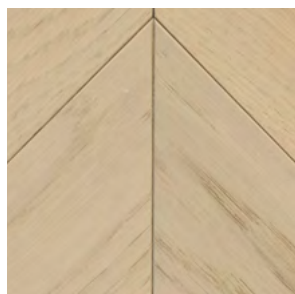
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**MACEDONIA**  
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**WAYNE UM**  
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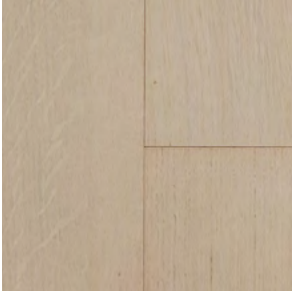
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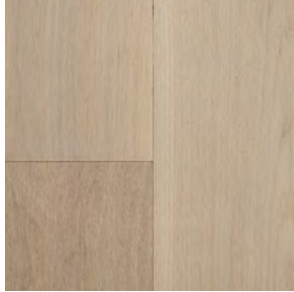
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White Oak (North American)



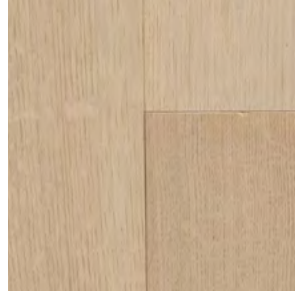
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**COSHOCTON UM**  
SKU: RS890T3F-CRQ



**COSHOCTON UM**  
SKU: RS890T3F-C



**CELINA UM**  
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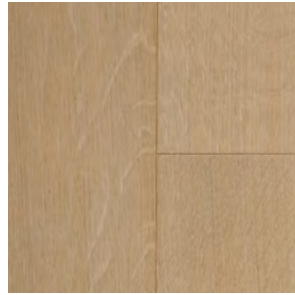
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**CIRCLEVILLE UM**  
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**DEFIANCE**  
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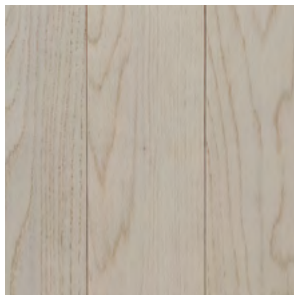
**CIRCLEVILLE UM**  
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**ELYRIA**  
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**CLAYTON**  
SKU: RS1016T2-C



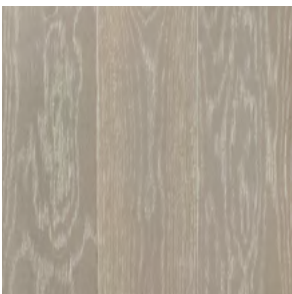
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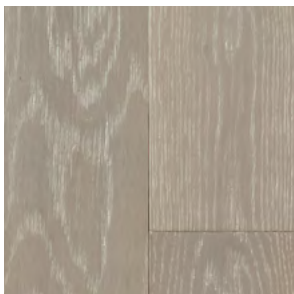
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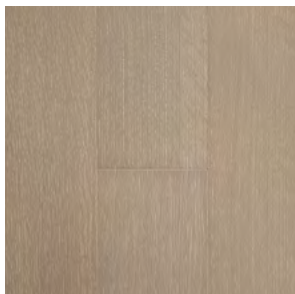
**SEBRING**  
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**BELPRE**  
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**BELPRE UM**  
SKU: RS1024T4F-C



**BELPRE UM**  
SKU: RS1024T4F-CRQ



**SEBRING UM**  
SKU: RS993T3F-C





**TUSCARAWAS**  
SKU: RS929T1-C



**PATASKALA**  
SKU: RS981T2-CS



**SEBRING UM**  
SKU: RS993T3F-CRQ



**RENDVILLE**  
SKU: RS889T4-C



**CUYAHOGA**  
SKU: RS805T1-C



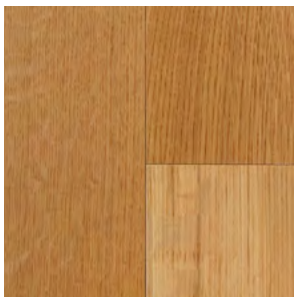
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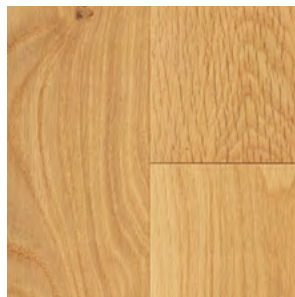
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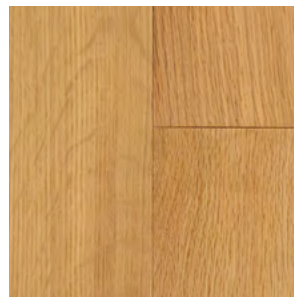
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SKU: RS1631T4-C  
White Oak (North American)



**FAYETTE (NATURAL  
COLOR)**  
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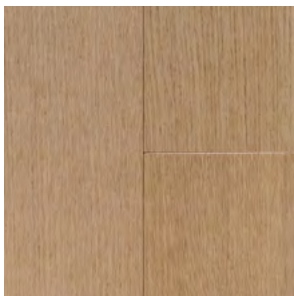
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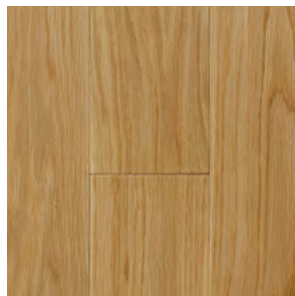
**MORAINE UM**  
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**PATASKALA UM**  
SKU: RS981T1F-CSRQ



**WYANDOT**  
SKU: RS1038T1-C



**FINDLAY (NATURAL  
COLOR)**  
SKU: RS1028T1-C



**CHARDON UM**  
SKU: RS1120T4F-C



**MORAINE**  
SKU: RS1629T2-C



**ASHLAND UM**  
SKU: RS1172T1F-CRQ



**ASHLAND**  
SKU: RS1172T1F-C



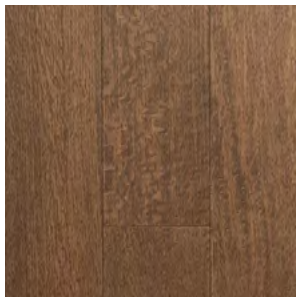
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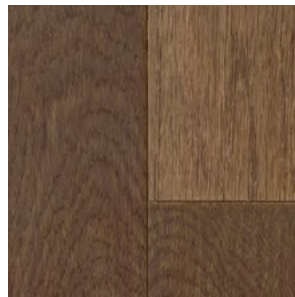
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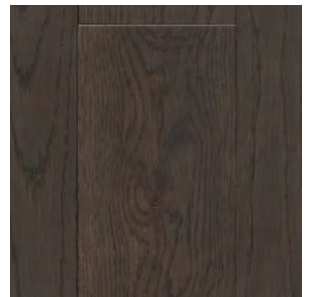
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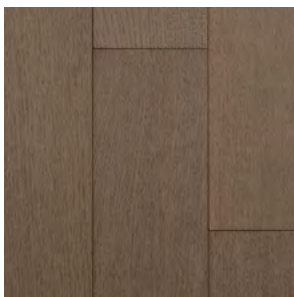
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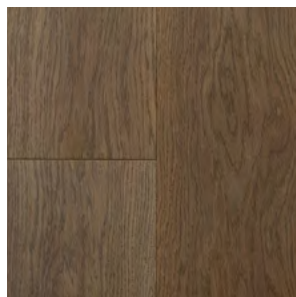
**STUART**  
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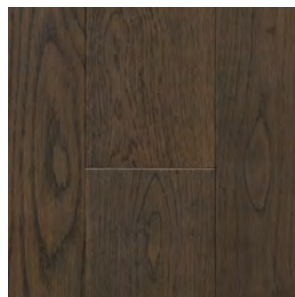
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**WELLSTON**  
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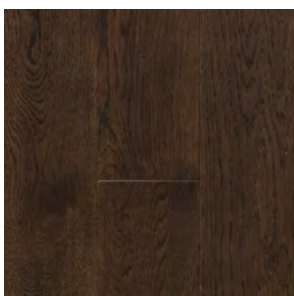
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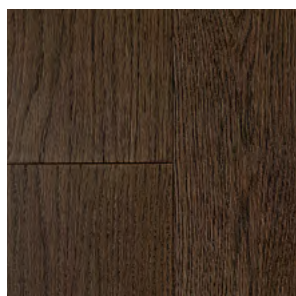
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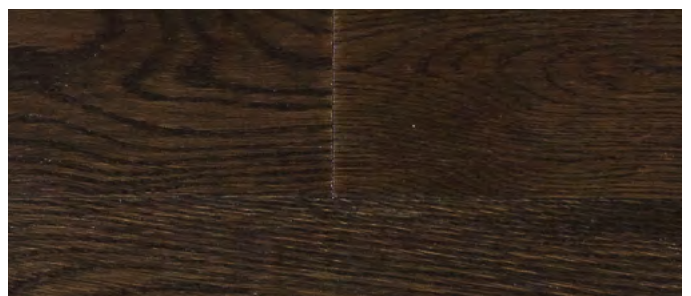
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**STEBENVILLE**  
SKU: RS1021T1-C

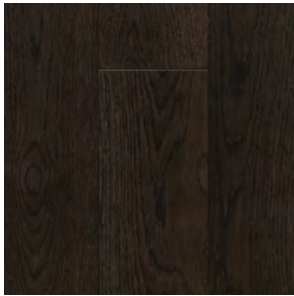


**MARIETTA**  
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White Oak (North American)

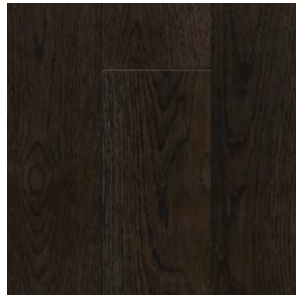


**BRADENTON**  
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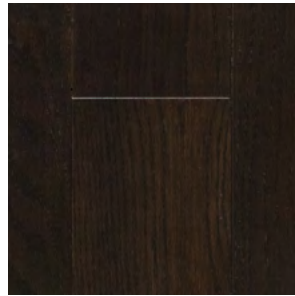




**SOLON**  
SKU: RS1027T1-C



**ROSSFORD**  
SKU: RS1026T1-C



**LINEA**  
SKU: RS1018T1-C



**ORRVILLE**  
SKU: RS1630T2-C



**PATASKALA**  
SKU: RS981T2-CS

# Finishing Steps

STEP 1

SHER-WOOD WB STAIN BASE | S64TH510

STEP 2

ULTRA-CURE® 4041 FILLER

STEP 3

ALUMINUM OXIDE (V86FHF003)

STEP 4 & 5

ULTRA-CURE® 4032-L LOW GLOSS CLEAR SEALER

STEP 6

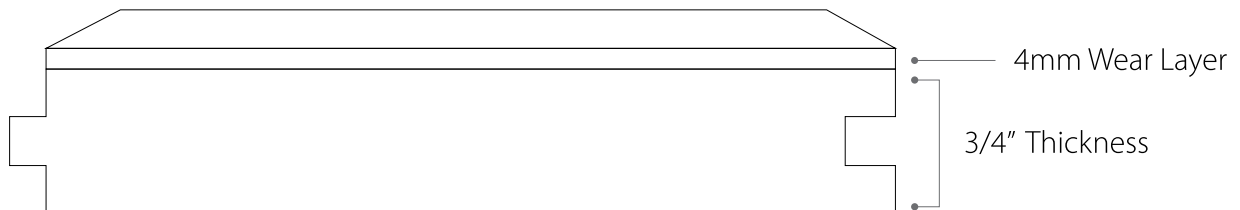
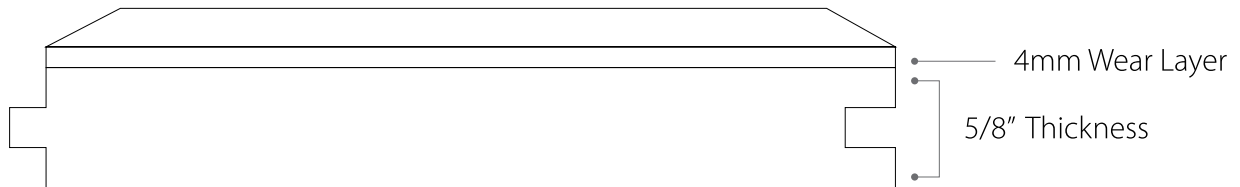
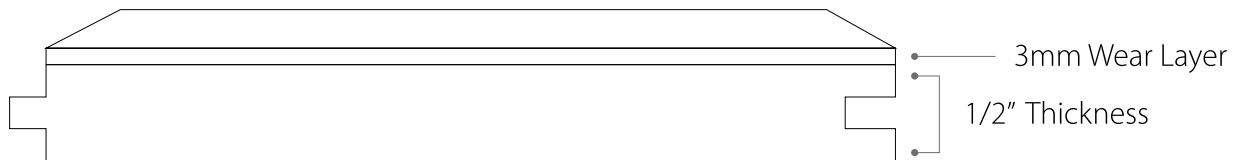
ULTRA-CURE® MARGUARD™ 4010 UV TOPCOAT { UV POLYURETHANE }

STEP 7

INSTANT UV CURE



## Complete Customization is available including:

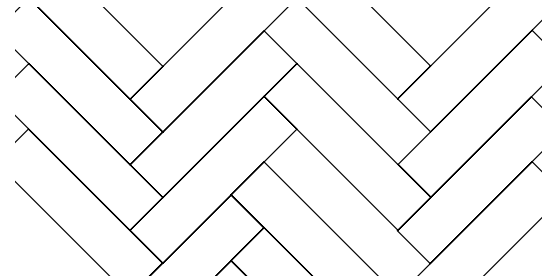
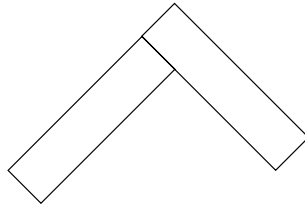
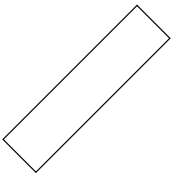


# PATTERNS

## HERRINGBONE - CHEVRON

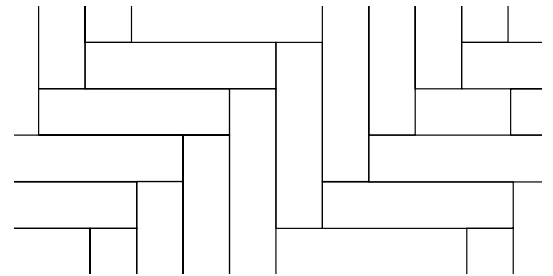
### Herringbone | Vertical

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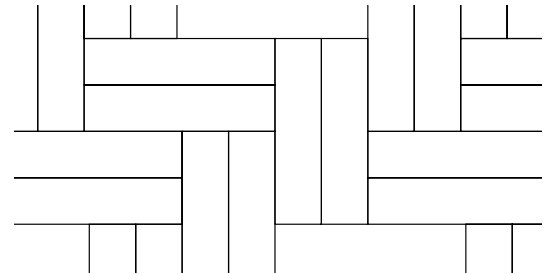
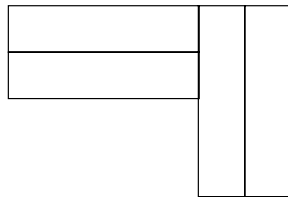
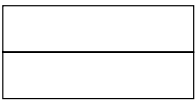
### Herringbone | Diagonal

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### Herringbone | Double

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Chevron Length

Angle

Minimum Length

Maximum Length

22.5°

10.5"

96"

30°

11"

72"

45°

13.5"

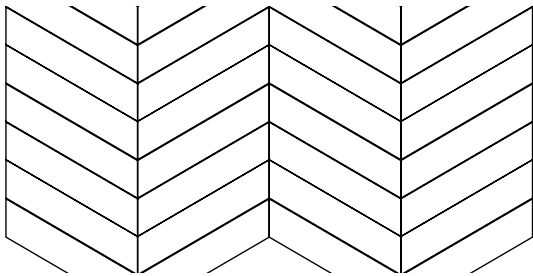
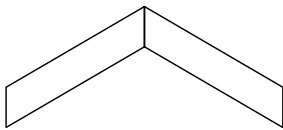
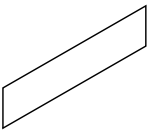
60"

52°

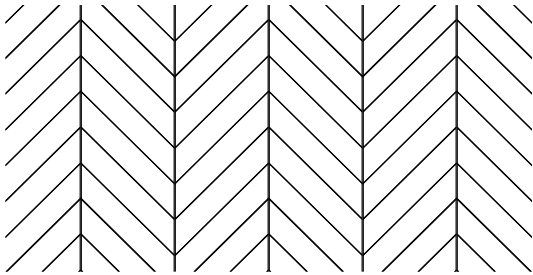
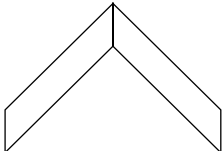
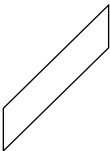
15.5"

48"

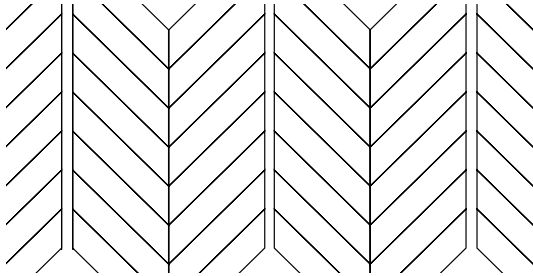
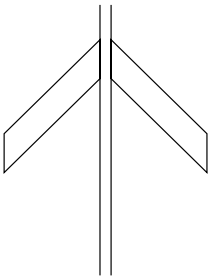
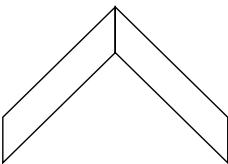
Chevron | 30°



Chevron | 45°



Hungarian Point





## WHY PREFINISHED FLOORING HAS BEVELS

Wood is a natural product made up of a specific cellular structure, and these cells have the capacity to absorb or expel moisture based on its surrounding environment and its inherent Equilibrium Moisture Content. This creates a reality where a wood flooring plank will expand and contract as it gains or loses moisture, respectively. Another characteristic of wood flooring is the milling tolerances and natural variations that will result from the inherent differences in the molecular structure of each plank, however minute, in thickness, width, and length.

Often after installation there might be slight differences in the width of adjacent boards, and/or the thickness, either due to the slight imperfections of the material, or the sub-floor, or even the installation process (slightly more glue in one area than another for example). This sometimes leaves the edges of boards exposed to potential damage from foot traffic.

When installing unfinished material that's then sanded and finished all together as one singular system, you ultimately get a surface that has no differences in height between planks, and the finish is applied to the entire floor as a whole, expand and contract with the natural expansion and contraction of the wood flooring. This creates little or no risk for any possible damage to the edges.

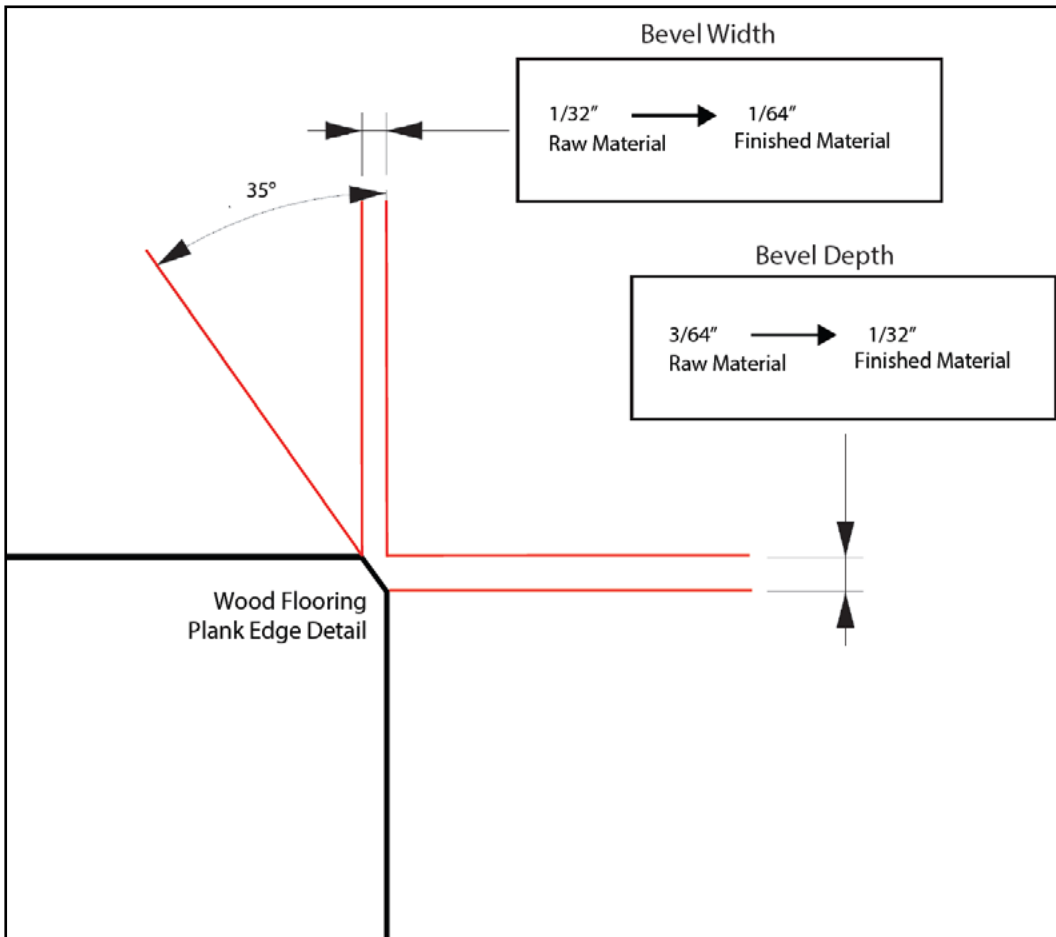
For prefinished material, each plank or board receives its own finish. The level of precision and milling tolerance and thickness of the finish application and all of these aspects is extremely high in a factory setting and any differences between boards are minuscule at worst, but there is still the potential for slight variances, especially with seasonal movement – expansion and contraction. These issues are addressed using things like precision face calibration sanding, precision back calibration sanding, face finish sanding, with a target tolerance of just +/-0.004" (0.1mm). Even with this level of precision, the possibility of over wood

between boards can still pose a risk. The solution ultimately is to add a bevel or a micro-beveled edge. This works to eliminate the potential of the risks described above, and it's an industrywide standard accepted and encouraged practice.

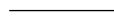
An additional factor that exacerbates the appearance of seasonal shape changes of this flooring is the flush, square-edge joints formed when the floor is sanded and finished on site versus a beveled or eased-edge that is used with prefinished wood flooring. When exposed to RH that is low enough to cause a substantial drop in MC, the appearance of the site-sanded, square-edged surface transitions from being uniform, flat, and monolithic (after it is initially sanded and finished) to one that accentuates each individual piece of flooring, with parallel lines running along the longitudinal axis of the floor. These changes in shape are normal, but they are not as noticeable when the edges are beveled/eased. Of course, the reason prefinished flooring has bevels or eased edges is to minimize the change in surface appearance during seasonal changes in moisture content (or with uneven subfloors).

Keep in mind that all of these changes are caused by changes in MC that result from NORMAL seasonal changes of interior RH, and since changes in MC are directly related to changes in environmental RH, it is possible for changes in shape to continue to occur seasonally.

## PID FLOORS BEVEL SPECIFICATION



Get in touch for more information



[SALES@PIDFLOORS.COM](mailto:SALES@PIDFLOORS.COM)

212.255.5028

37 W 20TH STREET, NEW YORK, NY 10011