

## MT MONTANA COLLECTION

Montana Collection

[Circle/Band Sawn | Engineered | 1/2"]

#340 CS-E, #341 CS-E, #342 CS-E, #343 CS-E, #345 CS-E

### SERIES INFORMATION:

Colors:	Species/Janka	Thickness	Width	Length	Wear Layer	SF/BOX	BX/PLT	SF/PLT	BX/WGT	SF/WGT	Waste %
#340 CS-E-#345 CS-E	Hickory (1780)	1/2"	4"/5"/6"	1.5'-6'	2MM	29.53	32	945	49	1.66 lbs	4-6%

### INSTALLATION

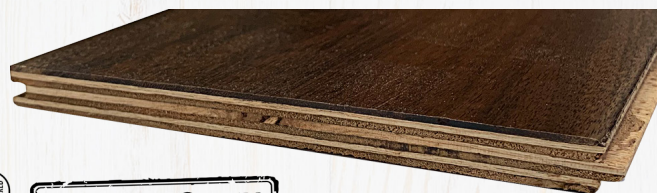
- ☒ Nail
- ☒ Float
- ☒ Nail/Glue Assist
- ☒ Glue Only
- ☐ Click
- ☒ Below Grade
- ☐ Radiant Heat (with limitations)

### ADDITIONAL INFORMATION:

Core Construction	7 Ply - Hardwood
Core Type	Plywood
Joint System	Tongue and Groove
Texture	Circle/Band Sawn
Edge Profile	Hand Sculpted, Chattered, Pillowed Edge
Finish Type	9 Finish Coats - UV cured urethane infused with aluminum oxide
Gloss Levels	13% - 16%
Maintenance	Bona Hardwood Formula
Repair Finish	Can be screened and recoated with Bona HD Traffic (or similar)
Expansion Requirements	Requires 1/2" expansion gap. Floating installations require T-molds for installations exceeding 40 lineal feet in length or width and 30 lineal feet for installations over in floor radiant heat.
Fastener Requirements	18 gauge, L/T cleats or 1/4" crown staples, minimum 1-1/2" long. Fasteners spacing 1-1/2" from the board ends and every 3"- 4" along the tongue
Uses	Residential Light Duty Commercial

### COMPLIANCE:

This series has been tested and contains the following certifications:



**CIRCULAR SAWN**

### LIMITED WARRANTY

Finish: 25 year

Structural: Lifetime

### COMMON QUESTIONS:

#### SUBSTRATE REQUIREMENTS

Structurally sound, well bounded, flat to within 3/16" in 10' radius, or 1/8" in 6' radius. Vertical deflection cannot exceed 1/4" in 10' radius, or more than 1/16" between the floor joist.

#### APPROVED SUBSTRATES

Underlayment APA grade CDX plywood/OSB, 3000 PSI concrete or 2500 PSI gypcrete. Underlayment grade MDF (floating only).

#### WOOD SUBFLOOR (EMC) MOISTURE CONTENT REQUIREMENTS

Engineered wood MC (moisture content) must test within 3% of the wood subfloor. Neither can exceed 12%. If the MC falls outside this range, a longer acclimation period is required to reach equilibrium.

#### CONCRETE AND GYPCRETE MOISTURE EMISSIONS, RH, AND PH REQUIREMENTS

Installing a vapor barrier is not required, but it is strongly recommended on installations over on or above grade slabs with a calcium chloride reading UNDER 3 lbs /1000sf per 24 hours or under 75% relative humidity as determined by current ASTM standards, or a CM (calcium carbide) rating of 2.5% or less. The pH levels must be between 5 - 9. Below grade and any substrate over 3 lbs /1000sf per 24 hours require a vapor barrier.

#### JOBSITE CONDITION RANGES

Prior, during, and after installation, the jobsite RH must be maintained between 35-55%, and the room temperature between 60-80°F.

#### ACCLIMATION TIME FRAME

Minimum 24 hours to reach room temperature between 60-80°F and 48 hours if the material was stored or transported in temperature below 60°F within 24 hours of install.

#### CAN WE INSTALL A CUSHION UNDERNEATH THE FLOOR?

YES, FOR FLOATING INSTALLATION ONLY. Approved cushions are high density #59EVA 3mm, #59IXPE 3mm, #60PVC 1.5mm, and cork up to 1/4" in thickness. EPE economical cushion is not recommended.

#### RUG COMPATIBILITY

Must be breathable, non abrasive, natural fiber rugs. Please see RugPadUSA.com. For example; Eco Plush 3/8", Contour Lock, RugPro, or Superior Lock 1/4". RugPro, or Superior Lock 1/4".





Note: For accuracy, we used actual material to create these product images. Please be aware that colors on printed media or displayed on a screen may vary from the actual product.

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**CIRCULAR SAWN**



**Color # 340 CS-E Hickory**

**Color # 343 CS-E Hickory**

**Color # 341 CS-E Hickory Laid Out.jpg**

**Color # 345 CS-E Hickory**

**Color # 342 CS-E Hickory**