

# Mannington®

## Product Technical Information Sheet

### Restoration Collection® Laminate

#### Product Summary:

Restoration Collection® Laminate							
Collection	Finished Size (nominal)	Pieces/ Carton	Weight/ Carton (lbs)	Sq. ft/ Carton	Cartons/ Pallet	Sq. ft/ Pallet	Pallets/ Container
Restoration Collection®	6 3/8" x 47 1/2"	8	38.80	16.99	50	849.50	22
Restoration Collection® Wide Plank	7 9/16" x 47 1/2"	7	37.92	17.50	55	962.50	20
Restoration Collection® Long Plank	7 2/3" x 59 1/2"	6	41.27	19.05	60	1143.27	14

**Construction:** Wear layer, Image layer, HDF core, Backing layer

**Gloss Level:** Low Lustre

**Overall Thickness:** 1/2" (12mm) nominal

**Wearlayer:** The composition of the wear layer more specifically is a melamine impregnated layer containing aluminum oxide for added wear and scratch resistance.

**Origin:** Vietnam\*

**Bevel:** Variable Edge, Micro Bevel, Mini Micro Bevel or SculptedEdge™

**Installation:** Click Floating Angle/Tap locking system

**Warranty:** 25 Year Residential / 5 Year Light Commercial\*\*

\* Current laminate is produced in Vietnam; select previous inventory is U.S. made.

\*\* If there is any question as to whether the site is determined to be light commercial, contact Mannington's Customer Services or the local Mannington Salesperson.

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### Product Performance Characteristics:

The general standard that applies to Laminate flooring for the North American market is NALFA® (North American Laminate Flooring Association) LF - 01. The full specifications can be downloaded from the website at [www.nalfa.com](http://www.nalfa.com). Mannington laminate flooring products including Restoration Collection® and Restoration Collection® Wide Plank, meet or exceed the moderate commercial rating per NALFA® LF- 01 Mannington Laminate Flooring meets all or exceeds FHA/HUD requirements.

<b>HUD/FHA Requirements</b>	Meets/Exceeds
<b>LF-01 Specification</b>	Meets/Exceeds - Commercial Rating
<b>Coefficient of Friction</b>	Meet or Exceeds Guidelines for Flat Walking Surface (0.5) ASTM-D2047
<b>ASTM E-648 (Flooring Radiant Panel Test)</b>	Flooring - Greater than or equal to 45 watts /cm <sup>2</sup> , passes NFPA class 1
<b>ASTM E-662 NBS Smoke Chamber Test</b>	Passes - value of LT 450
<b>Sound Dissipation</b>	Using Mannington Whisper 3N1: STC 54; IIC 59
<b>AC Rating</b>	All Restoration Collection® products are rated AC4
<b>Third-Party Certifications</b>	FloorScore® and NALFA® Certified

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### **WARNING:**

Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to [www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood).

Do not sand, dry sweep, dry scrape, drill saw, beadblast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt or asphaltic "cut-back" adhesives. These products may contain either asbestos fibers or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. The RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings ([www.rfci.com](http://www.rfci.com)) are a defined set of instructions which should be followed if you must remove existing resilient floor covering structures. You may also refer to Mannington's Professional Installation Handbook.

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See table listing performance criteria for Laminate Flooring. Restoration Collection® and Restoration Collection® Wide Plank meet the Commercial guidelines.

MINIMUM PERFORMANCE VALUES					
Usage Level		Residential	Light Commercial	Commercial	Heavy Commercial
Certification Level		1	2	3	4
LF-01 TEST METHOD	PROPERTY				
3.1	Static Load	≥ 6 MPa (870 psi)	≥ 6 MPa (870 psi)	≥ 8 MPa (1160 psi)	≥ 8 MPa (1160 psi)
3.2	Thickness Swell	≤ 18%	≤ 16%	≤ 16%	≤ 12%
3.3	Light Resistance	No Effect	No Effect	No Effect	No Effect
3.4	Cleanability/ Stain Resistance	Score < 20 No Effect	Score < 20 No Effect	Score < 20 No Effect	Score < 20 No Effect
3.5	Large Ball Impact Resistance	> 800 mm (31.5 in)	> 1000 mm (39.4 in)	> 1200 mm (47.3 in.)	> 1400 mm (55.1 in)
3.6	Small Ball Impact Resistance	> 200 mm (7.9 in)	> 200 mm (7.9 in)	> 350 mm (13.8 in.)	> 500 mm (19.7 in)
3.7	Wear Resistance	≥ 1500 cycles	≥ 2000 cycles	≥ 4000 cycles	≥ 6000 cycles
3.8	Dimensional Tolerances (maximum)	Length: 0.50 mm (0.020 in) Width: 0.20 mm (0.008 in)  Thickness: 0.50 mm (0.020 in) Squareness: 0.20 mm (0.008 in)  Straightness: 0.30 mm (0.012 in)	Length: 0.50 mm (0.020 in) Width: 0.20 mm (0.008 in)  Thickness: 0.50 mm (0.020 in) Squareness: 0.20 mm (0.008 in)  Straightness: 0.30 mm (0.012 in)	Length: 0.50 mm (0.020 in) Width: 0.20 mm (0.008 in)  Thickness: 0.50 mm (0.020 in) Squareness: 0.20 mm (0.008 in)  Straightness: 0.30 mm (0.012 in)	Length: 0.50 mm (0.020 in) Width: 0.20 mm (0.008 in)  Thickness: 0.50 mm (0.020 in) Squareness: 0.20 mm (0.008 in)  Straightness: 0.30 mm (0.012 in)
3.9	Castor Chair Resistance	25000 cycles No Effect	25000 cycles No Effect	25000 cycles No Effect	25000 cycles No Effect