

Use: Light Commercial / Residential flooring installations. Suitable for all living areas as well as for commercial areas with normal wear, (offices, waiting rooms, boutiques, etc.). The flooring is not suitable for installation in humid rooms (bathrooms, saunas, etc.).
Suitable for hot-water underfloor heating or electrical floor heating systems provided the flooring surface temperature doesn't exceed 80 °F (26 °C).
Nydree Maverick can also be floated on walls either horizontally or vertically. 5G Climb installation clips are needed.

Recommended Installation:

Floating installation, Välinge 5G® Locking System using Maverick Underlayment
Maverick Underlayment material: OmniChoice 1.4mm Acoustical Underlayment (Up to 3 lbs. Calcium Chloride Test)
OmniChoice w/Vapor Bloc Underlayment. (Up to 10 lbs. Calcium Chloride Test or up to 90% insitu-RH)
Use Foam with CS > 60 kPa & CC > 20 kPa. (According to EN 16354)
Maverick may also be glued down using Nydree SB1587 adhesive.

Construction/Species:

Wear Layer: 0.6mm (0.024") Sliced European White Oak, Walnut and Ash.
Moisture Resistant Composite Core, Backing Layer: Birch Veneer, Micro-beveled Edges.
Thickness Swell: EN 13329 / ISO 24336: <10%

Dimensions:

Width: 8.11" (206mm)	Thickness: 0.445" (11.3mm)	Length: 86.61" (2200mm)
Width: 5.94" (151mm)	Thickness: 0.362" (9.2mm)	Length: 46.06" (1170mm)
Maverick Herringbone (A or B plank):		
Width: 3.58" (91mm)	Thickness: 0.445" (11.3mm)	Length: 21.5" (546mm)

Hardness:

Resin reinforced wear layer. Resists dents and wear marks. Extreme impact resistance.
Modified Rockwell hardness: 85 to 105. Corresponding Janka Range: 5917 to 7357.
Brinell hardness: EN 1534. Result – 8 HB (average value)
Impact resistance: EN 14354:2017. Result – EC3

Colors: 8.11" Wide

White Oak: Keswick, Vienna, Richmond, Bridgewater, Roanoke
Walnut: Arlington, Lynchburg
Ash: Waynesboro

5.94" Wide

White Oak: Keswick, Vienna, Bridgewater, Arlington, Waynesboro

3.58" Wide Herringbone

White Oak: Keswick, Vienna, Bridgewater, Arlington

Finish / Gloss:

Standard UV-Cured finish. Deep matte finish. Gloss level (60°) is 3-5.
Taber Abrasion Resistance. EN 13329 Annex E (sandpaper method) – 650 cycles.
EN 14354 Annex D (Top Layer <1.0mm): >6000 cycles.

Effect of Household Chemicals on the Finish (ASTM D1308-02): 16 hour exposure and then cleaned with Bona Professional Hardwood Floor Cleaner.

All of the following chemicals showed no visible change:

<u>Refrigerator</u>	<u>Medical/Cleaning</u>	<u>Chemicals</u>	<u>Misc.</u>
Cold Water	Ethyl Alcohol	Acetone	Lighter Fluid
Hot Water	(Hand Sanitizer & Alcohol Wipes)	10% Sodium Hydroxide	10W-30 Motor Oil
Vinegar	Undiluted Bleach	30% Sulfuric Acid	
Red Grape Juice	Lysol		
Olive Oil	Undiluted Ammonia		
Ketchup	3M Neutral Quat Disinfectant (0.5 oz./gal)		
Coffee	3M HB Quat Disinfectant (0.35 oz./gal)		
Tea	Hydrogen Peroxide		
Cocoa	Super Shine-All APC		
Coke	1% Dawn Dish in Water		
Orange Juice	1% Ivory Bar Soap in Water		

The only reagent that showed a slight stain was Mustard.

Acoustic Properties (ASTM E90 and E492):

Subfloor	Flooring System	Ceiling	STC	IIC
8" Concrete	Nydree Maverick Flooring with Underlayment	None	55	55
8" Concrete	Nydree Maverick Flooring with Underlayment	Insulated Ceiling	63	68

Fire: EN 13501. Result – Bfl-S1 (Hardly flammable)
 ASTM E648. Average Critical Radiant Flux (CRF) = 0.82 watts/cm². Class I.
 ASTM E662. Smoke Density: 316 Flaming / 255 Non-Flaming.
 ASTM E84. Class C.

Slip Resistance (ANSI A137.1): 0.73 'Wet'

Thermal Conductivity:

ASTM C518. Result – 0.1799 W/(m•K) or 1.2472 BTU•in/(hr•ft²•°F)

Thermal Resistance:

EN 12664 / 12667: R 0.07 (m² x K)/W

Environmental / LEED Info:

Formaldehyde Emission. EN 717-1. Result – E1 (CARB2 Compliant).

Warranty:

Residential Limited Lifetime - Structural Defects, Topical Spills (<24 hrs.) and Wear Through of Top Veneer Layer.
 Light Commercial / Hotel Guest Rooms – 10 Year - Structural Defects, Topical Spills (<24 hrs.) and Wear Through of Top Veneer Layer.
 See Maverick Warranty for complete details.

Care & Maintenance:

Periodically clean with Bona® Professional Hardwood Floor Cleaner.
 Recoating: The Bona Prep® recoating system is recommended. System is Greenguard Certified.

Accessories: See Maverick Accessories Bulletin. All accessories are manufactured and finished by Nydree Flooring.

Packaging:

Width x Length	8.11" x 86.61"
Boards / box	4
Square Feet / box	19.51
Square Feet / pallet (48 boxes)	937
Weight / box (lbs.)	44.3
20' Container Quantity	18 pallets / 16,866 sq. ft.

Width x Length	5.94" x 46.06"
Boards / box	9
Square Feet / box	17.10
Square Feet / pallet (35 boxes)	598.5
Weight / box (lbs.)	31.6
20' Container Quantity	33 pallets / 19,750.5 sq. ft.
40' Container Quantity	39 pallets / 23,341.5 sq. ft.

Width x Length	3.58" x 21.5"
Boards / box	22 (A or B)
Square Feet / box	11.73
Square Feet / pallet (48 boxes)	563.04
Weight / box (lbs.)	26.5
20' Container Quantity	22 pallets / 12,386.88 sq. ft.
40' Container Quantity	33 pallets / 18,580.32 sq. ft.