

**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. Standard foil heating systems are generally not recommended. (Exception self-regulating heating systems which maintain a 79 °F (26 °C) surface temperature)

**Recommended Installation:**

Floating installation, Välinge 2G/5G® Locking System  
Underlayment material: Maverick Underlayment.  
Foam with CS > 60 kPa & CC > 5 kPa. (According to CEN / TS 16354)

**Construction/Species:**

Wear Layer: 0.6mm (0.024") Sliced European White Oak  
Moisture Resistant HDF Fiber Core  
Backing Layer: Birch Veneer  
Micro-beveled Edges.

**Dimensions:**

Width: 8.268" (210mm) Thickness: 0.441" (11.2mm) Length: 86.61" (2200mm)

**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 (Typical value)  
Impact resistance: EN 14354:2017. Result – EC3

**Colors:** 7 Standard. Keswick, Afton, Blue Ridge, Vienna, Ivy, Crozet, Scottsville.

**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.

**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	63

**Fire:** EN 13501. Result – Bfl-S1 (Hardly flammable)  
ASTM E648. Average Critical Radiant Flux (CRF) = 0.82 watts/cm<sup>2</sup>. Class I.  
ASTM E662. Smoke Density = Less than 450.

**Thermal Conductivity:**

ASTM C518. Result – 0.1799 W/(m•K) or 1.2472 BTU•in/(hr•ft<sup>2</sup>•°F)

**Environmental / LEED Info:**

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

**Warranty:**

Limited Lifetime Structural Defect.  
UV-Cured Acrylate Finish Limited Wear Through: Light Commercial: 3 yrs., Hotel Guest Rooms: 5 yrs., Residential: 50 yrs.

**Care & Maintenance:**

Nydree Dust Mop Treatment and Nydree Natural Multi-Surface Cleaner.  
Recoating: The Bona Prep® recoating system is recommended. System is Greenguard Certified.

**Packaging:**

Width x Length	8.268" x 86.61"
Boards / box	4
Square Feet / box	19.91
Square Feet / pallet (50 boxes)	995.5
Weight / box (lbs.)	40.8