

Use: Commercial / Residential flooring installations.

Note: Walnut is a softwood and is rated for light commercial traffic only. There can be a wide degree of hardness within each plank of Walnut flooring.

Recommended Installation:

Glue down over concrete or approved underlayment/subfloor. Commercial installations on any grade level, provided the moisture requirements of Nydree MRA1585 installation adhesive are followed.

Engineered Construction:

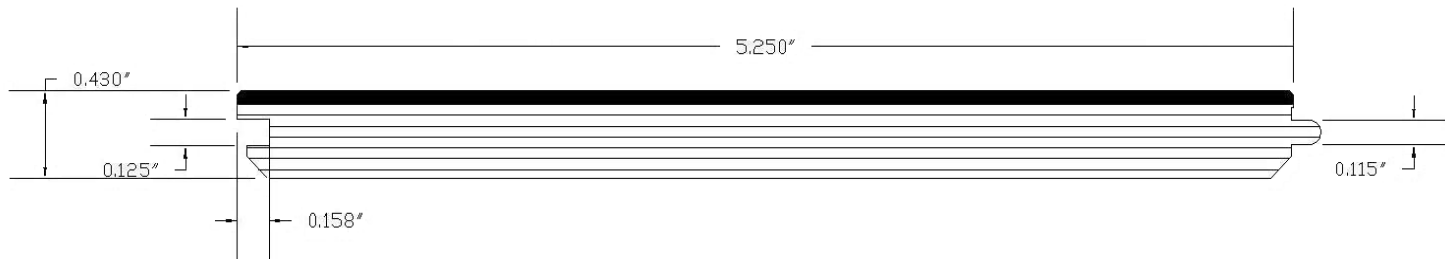
Wear Layer: Acrylic Infused 1/10" (2.54mm) thick Genuine Hardwood. All wear layers are sawn cut.
 Plywood Platform for Nydree Collection: 9mm (0.354") 7-ply Marine-Grade Baltic Birch – (CARB P2 compliant).
 Wide Plank Series uses 12mm (0.472") 9-ply Marine-Grade Baltic Birch – (CARB P2 compliant).
 Laminating adhesive contains no formaldehyde. (Wear layer to plywood).

Nydree Collection Dimensions:

Widths: 2 2/3" (67.6mm), 4" (101.6mm) and 5 1/4" (133.4mm)
 1/2", 1" & 1.5" Wide (12.7, 25.4, & 38.1mm) Accent Strips are also available.
 Nominal Thickness for all widths: 7/16" Actual Thickness: 0.430" (10.92mm)
 Length: 12" to 47" random (304.8 to 1193.8mm).
 Fixed length double-end grooved for Herringbone/Patterns: Any length 14" to 46".
 Fixed length double-end grooved 45° Chevron: See price list for available lengths.
 Custom Thickness and width available upon request (contact customer service).

Profile: Tongue and groove sides and ends with micro-bevelled edges. Fixed length plank are double end grooved.

Actual Size 5 1/4" finished tongue and groove plank profile (2 2/3" and 4" t&g profile is the same):



Wide Plank Series Dimensions:

Width: 7.5" (190.5mm) Nominal Thickness: 9/16". Actual Thickness: 0.540" (13.72mm)
 Lengths: 18" to 95" random (457.2 to 2413mm). Tongue and groove sides and ends with micro-bevelled edges.
 Fixed length double-end grooved for Herringbone/Patterns: Any length 14" to 46".
 Fixed length double-end grooved 45° Chevron: See price list for available lengths.

Hardness:

Acrylic Infused throughout the Wear Layer significantly increasing Janka hardness. For example, using the Janka rating system, standard prefinished Maple scores a hardness value of 1450 psi while Nydree infused Maple measures 5,500 to 8000 psi.

Species:

Plainsawn Ash, Maple, Reclaimed Oak (contains both Red and White), Walnut, R&Q White Oak and Plainsawn White Oak. Custom species (contact customer service).

Colors: In addition to the natural colored wood, 6 infused colors are utilized. The infused color is throughout the entire wear layer with the exception of a few products that are both infused and surface stained. Some Pristine Collection colors use reactive/water-based stains as well as colored UV Oil finish. Custom colors are available upon request (contact customer service).

Texture / Finish / Gloss:

Standard Pedestrian 2.0 UV-Cured Urethane w/Ceramic particles. Low-gloss, matte finish provides excellent abrasion, scratch and stain resistance. Gloss level (60°) is 15.
 TEXTURE products are wire-brushed to give a coarse, dimensional surface. Gloss level (60°) is ≤10.

ASTM-D4060 Avg. Abrasion Resistance: Initial Wear Through: > 4000 cycles.
 EN13329:2009 Avg. Abrasion Resistance: AC4 rating ($\geq 4,000$ cycles).
 UV Oil Finish. Matte Gloss level (60°) is 5 +/- 3.

Pedestrian 2.0 Slip Resistance (ANSI A137.1): 0.66 'Dry' and 0.57 'Wet'
Pedestrian 2.0 Slip Resistance Pendulum Test (SA HB198:2014/AS 4586): 55 'Dry' and 35 'Wet'
UV Oil Finish Slip Resistance (ANSI A137.1): 0.75 'Dry' and 0.53 'Wet'
UV Oil Finish Slip Resistance Pendulum Test (SA HB198:2014/AS 4586): 65 'Dry' and 42 'Wet'

Acoustic Properties (ASTM E90 and E492):

Subfloor	Flooring System	Ceiling	STC	IIC	Δ IIC
6" Concrete	Nydree 0.430" Acrylic Infused Flooring using MRA1585 with 3/16" x 5/32" Trowel	None	53	50	20
6" Concrete	Eco-Silencer HD-FOF with 1/16" x 1/32" x 1/32" Trowel, Nydree 0.430" Acrylic Infused Flooring using MRA1585 with 3/16" x 5/32" Trowel	None	53	51	21
6" Concrete	Nydree 0.430" Acrylic Infused Flooring using MRA1585 with 3/16" x 5/32" Trowel	5/8" Suspended Gypsum	63	64	
6" Concrete	Eco-Silencer HD-FOF with 1/16" x 1/32" x 1/32" Trowel, Nydree 0.430" Acrylic Infused Flooring using MRA1585 with 3/16" x 5/32" Trowel	5/8" Suspended Gypsum	62	66	

****Product should be tested in the final space in which it will be installed for accurate data****

Fire: All species are ASTM-E648 Class II with the exception of Maple which is Class I.
 All species are ASTM-E84 Class C.

Environmental / LEED Info:

Flooring is FloorScore® certified. Reg. # SCS-FS-02349.
 Nydree Collection Flooring is 3rd party HPD verified. Reg. # SCS-HPD-04521.
 Nydree Collection Flooring is FSC Mixed 78%. Wide Plank Collection Flooring is FSC Mixed 82%. FSC ID Number FSC-C100512.
 Reclaimed Oak uses recycled wood veneer (28% post-consumer content).
 Flooring is assembled in Karthaus, PA 16845 USA.
 Flooring is made with Carb Phase 2 Hardwood Plywood that uses ULEF resins.
 Flooring does not utilize any added urea-formaldehyde resins.

Warranty:

Limited Lifetime Acrylic Infused Wear Surface, Limited Lifetime Structural Defect.
 Pedestrian 2.0 Urethane Finish Limited Wear Through: Commercial: 10 yrs., Residential: 50 yrs.
 Pristine Collection. See separate UV Oil finish lifetime warranty.

Care & Maintenance

Pedestrian 2.0. Nydree Dust Mop Treatment and Nydree Natural Multi-Surface Cleaner.
 Recoating: The Bona Prep® recoating system is recommended. System is Greenguard Certified.
 UV Oil Finish – Woca maintenance products are recommended.

Accessories:

Solid Hardwood, Reducers and T-moulding as well as Stair Nosing, Stair Treads and Risers are infused with clear acrylic and stained to match flooring.
 Quarter Round and Wall Base molding is not acrylic infused, but is stained to match as it is not a wearing surface.
 TXTURE and Plainsawn White Oak Glacier accessories are not available.

Packaging (Standard Product):

Width x Random Length	Carton Quantity	Pallet Quantity	20 Foot Container	40 Foot Container
2 2/3" (67.6mm)	27.5 ft ² (2.555 m ²)	825 ft ² (76.65 m ²) 30 cartons	8250 ft ² (766.5 m ²)	16500 ft ² (1533 m ²)
4" (101.6mm)	27.5 ft ² (2.555 m ²)	825 ft ² (76.65 m ²) 30 cartons	8250 ft ² (766.5 m ²)	16500 ft ² (1533 m ²)
5.25" (133.4mm)	24.0 ft ² (2.230 m ²)	720 ft ² (66.9 m ²) 30 cartons	7200 ft ² (669.0 m ²)	14400 ft ² (1338 m ²)
7.5" (190.5mm)	29 ft ² (2.694 m ²)	1160 ft ² (107.8 m ²) 40 cartons	6960 ft ² (646.6 m ²)	13920 ft ² (1293.2 m ²)

2 2/3", 4" and 5.25"

Carton Dimensions: 49" L x 13" W x 3 9/16" H (1244.6mm x 330.2mm x 90.5mm)
 Typical Carton Weight: 2 2/3" (67.6mm) and 4" (101.6mm) = 47 lbs. (21.3kg) 5.25" (133.4mm) = 42 lbs. (19.1kg)
 Pallet Dimensions (30 cartons + skid) 49" L x 40" W" x 40" H (1244.6mm x 1016mm x 1016mm)
 Typical Pallet Weight: 2 2/3" (67.6mm) and 4" (101.6mm) = 1443 lbs.(655kg) 5.25" (133.4mm) = 1293 lbs. (587kg)

7.5"

Carton Dimensions: 96" L x 7 11/16" W x 3 1/4" H (2438.4mm x 195.3mm x 82.6mm)
 Typical Carton Weight: 63.5 lbs.(28.8kg)
 Pallet Dimensions (40 cartons + skid) 96" L x 40" W" x 31" H (2438.4mm x 1016mm x 787.4mm)
 Typical Pallet Weight: 2615 lbs. (1186.1kg)
 Port of shipment: Typically Port of New York & New Jersey.