

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 Genuine Hardwood. All wear layers are sawn cut.

Laminated at 1/10" (2.54mm). Actual wear layer thickness: 1/12" (2mm)

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).

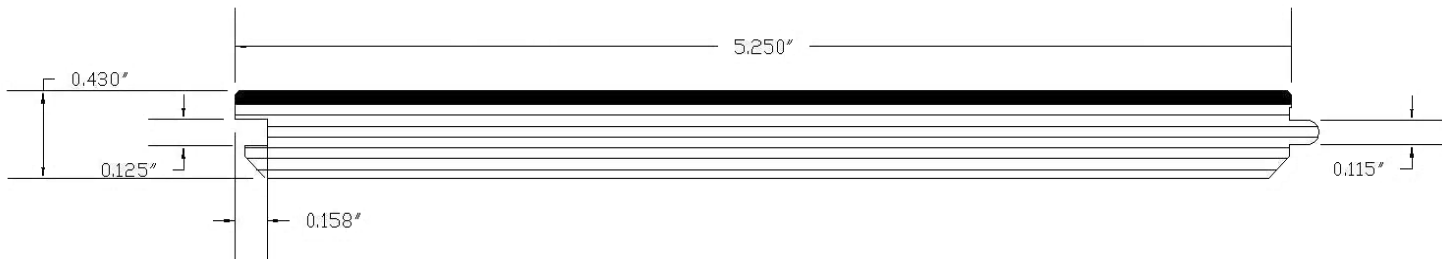
Fixed length double-end grooved for Herringbone/Patterns: Any length 14" to 46".

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, 5 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. 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.

TXTURE 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 (≥4,000 cycles).

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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'

Acoustic Properties (ASTM E90 and E492):

Subfloor	Flooring System	Ceiling	STC	IIC	ΔIIC
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 is available as FSC certified only by request.
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.

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.

Accessories (Not Infused with Acrylic):

Solid Hardwood, Reducers, T-molding, Quarter Round and Wall Base molding as well as Stair Nosing, Stair Treads and Risers are stained to match flooring.
TXTURE 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: 99" L x 7 11/16" W x 3 1/4" H (2514.6mm x 195.3mm x 82.6mm)
Typical Carton Weight: 63.5 lbs.(28.8kg)
Pallet Dimensions (40 cartons + skid) 99" L x 40" W" x 31" H (2514.6mm x 1016mm x 787.4mm)
Typical Pallet Weight: 2615 lbs. (1186.1kg)
Port of shipment: Typically Port of New York & New Jersey.