

Use: Commercial / Residential flooring installations.

Recommended Installation:

Glue down over concrete or approved underlayment/subfloor. Commercial installations on any grade level.

Engineered Construction:

Wear Layer: Acrylic Infused 1/10" (2.54mm) thick Genuine Hardwood. All wear layers are sawn cut with the exception of Maple, which is rotary cut.

Essentials uses rotary Red Oak.

Plywood Platform for all widths: 9mm (0.354") 7-ply Marine-Grade Baltic Birch – (CARB P2 compliant).

Laminating adhesive contains no formaldehyde. (Wear layer to plywood).

Dimensions:

Widths: 2 2/3" (67.6mm), 4" (101.6mm) and 5 1/4" (133.4mm)

COR – 4" only, Plainsawn White Oak, Reclaimed & TXTURE – 4" and 5 1/4" only, Essentials – 5 1/4" only.

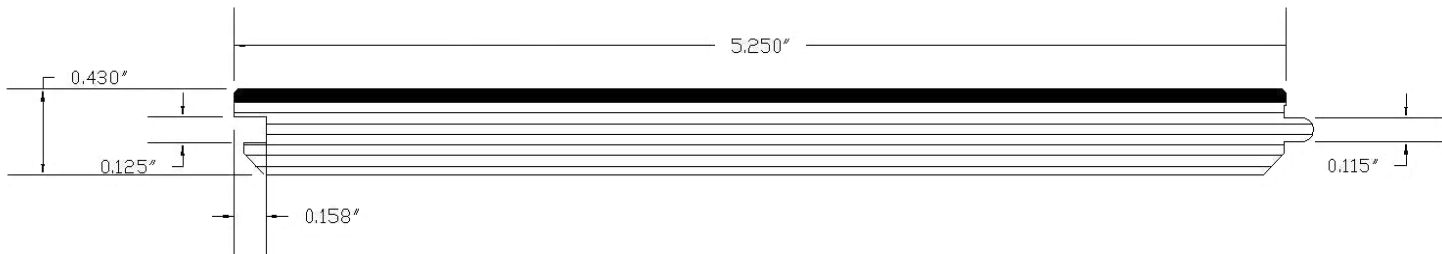
Nominal Thickness for all widths: 7/16" Actual Thickness: 0.430" (10.92mm)

Length: 12" to 47" random (304.8 to 1193.8mm). Herringbone: 2 2/3" or 4" by 23" is standard.

Custom Thickness, Widths and Fixed lengths available upon request (contact customer service).

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

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



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

Colors: In addition to the natural colored wood, 7 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 5-10.

ASTM-D4060 Avg. Abrasion Resistance: Initial Wear Through: > 4000 cycles.

EN13329:2009 Avg. Abrasion Resistance: AC4 rating (≥4,000 cycles).

Custom Gloss available upon request.

Slip Resistance Value (ASTM F1679/Dynamic): 0.73 'Dry' using English XL Tribometer.

Fire: All species are ASTM-E648 Class I with the exception of COR, Reclaimed Oak and Walnut, which are Class II.

Environmental / LEED Info:

Flooring is FloorScore® certified. Reg. # SCS-FS-02349.
Flooring is FSC Mixed 72%. 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.

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

Nydree Dust Mop Treatment and Bona Pro Series Hardwood Floor Cleaner which is GreenGuard certified.
Recoating: The Bona Prep® recoating system is recommended. System is also Greenguard Certified.

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.
COR, TXTURE and Plainsawn White Oak Glacier are not available.

Packaging:

Width x Random Length	Carton Quantity	Pallet Quantity (30 cartons)	20 Foot Container (10 Pallets)	40 Foot Container (20 Pallets)
2 2/3" (67.6mm)	27.5 ft ² (2.555 m ²)	825 ft ² (76.65 m ²)	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)	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)	7200 ft ² (669.0 m ²)	14400 ft ² (1338 m ²)

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)

Port of shipment: Typically Port of New York & New Jersey.

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02/16