



PHYSICAL PROPERTIES & PACKAGING – PLANK (DRYBACK - 0.126" GAUGE / 28MIL WEAR LAYER)

Woods	Collection (Emboss) • Perfect Oak (Barnside)	Collection (Emboss) • Blair Cherry (Light Wood Tick) • Contemporary Oak (Barnside)	Collection (Emboss) • Mason Oak (In-Register) • Melbourne Elm (Barnside) • Piermont (Antiqued) • Summer Pine (In-Register) • Treated Oak (In-Register)	Collection (Emboss) • Beaumont Hickory (Handscraped) • Perfect Oak (Barnside)
Size	4" x 24" (101.6mm x 609.6mm)	4" x 36" (101.6mm x 914.4mm)	7.25" x 48" (184.15mm x 1219.2mm)	9" x 60" (228.6mm x 1524mm)
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Use	Commercial	Commercial	Commercial	Commercial
Wear Layer	28 mil (0.7mm)	28 mil (0.7mm)	28 mil (0.7mm)	28 mil (0.7mm)
Edge Detail	Micro-Bevel Edge	Square Edge	Micro-Bevel Edge	Micro-Bevel Edge
Finish	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles
Gauge	0.126" (3.2mm)	0.126" (3.2mm)	0.126" (3.2mm)	0.126" (3.2mm)
Pieces/Carton	36	30	15	10
Coverage/Piece	2/3 Sq.Ft. (0.062 Sq.M.)	1 Sq.Ft. (0.093 Sq.M.)	2.417 Sq.Ft. (0.225 Sq.M.)	3.75 Sq.Ft. (0.348 Sq.M.)
Coverage/Carton	24 Sq.Ft. (2.23 Sq.M.)	30 Sq.Ft. (2.79 Sq.M.)	36.25 Sq.Ft. (3.37 Sq.M.)	37.5 Sq.Ft. (3.48 Sq.M.)
Coverage/Pallet	56 Cartons / Pallet (1,344 Sq.Ft. / 124.86 Sq.M.)	63 Cartons / Pallet (1,890 Sq.Ft. / 175.59 Sq.M.)	50 Cartons / Pallet (1,812.5 Sq.Ft. / 168.39 Sq.M.)	48 Cartons / Pallet (1,800 Sq.Ft. / 167.23 Sq.M.)
Coverage/Container	28 Pallets / Container (37,632 Sq.Ft. / 3,496 Sq.M.)	20 Pallets / Container (37,800 Sq.Ft. / 3,512 Sq.M.)	22 Pallets / Container (39,875 Sq.Ft. / 3,704.5 Sq.M.)	21 Pallets / Container (37,800 Sq.Ft. / 3,512 Sq.M.)
Aspecta™ Five Limited Commercial Warranty ¹	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)

PHYSICAL PROPERTIES & PACKAGING – TILE (DRYBACK - 0.126" GAUGE / 28MIL WEAR LAYER)

Stone & Masonry	Collection (Emboss) • Lithic Stone (In-Register)	Collection (Emboss) • Pedona (Pebble)	Collection (Emboss) • Turkish Marble (Rough Concrete) • Washed Concrete (Rough Concrete)
Size	12" x 24" (304.8mm x 609.6mm)	18" x 18" (457.2mm x 457.2mm)	24" x 24" (609.6mm x 609.6mm)
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Use	Commercial	Commercial	Commercial
Wear Layer	28 mil (0.7mm)	28 mil (0.7mm)	28 mil (0.7mm)
Edge Detail	Micro-Bevel Edge	Micro-Bevel Edge	Micro-Bevel Edge
Finish	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles
Gauge	0.126" (3.2mm)	0.126" (3.2mm)	0.126" (3.2mm)
Pieces/Carton	16	18	9
Coverage/Piece	2 Sq.Ft. (0.186 Sq.M.)	2.25 Sq.Ft. (0.209 Sq.M.)	4 Sq.Ft. (0.372 Sq.M.)
Coverage/Carton	32 Sq.Ft. (2.97 Sq.M.)	40.5 Sq.Ft. (3.76 Sq.M.)	36 Sq.Ft. (3.34 Sq.M.)
Coverage/Pallet	72 Cartons / Pallet (2,304 Sq.Ft. / 214.05 Sq.M.)	48 Cartons / Pallet (1,944 Sq.Ft. / 180.6 Sq.M.)	50 Cartons / Pallet (1,800 Sq.Ft. / 167.23 Sq.M.)
Coverage/Container	16 Pallets / Container (36,864 Sq.Ft. / 3,425 Sq.M.)	20 Pallets / Container (38,880 Sq.Ft. / 3,612 Sq.M.)	20 Pallets / Container (36,000 Sq.Ft. / 3,344.5 Sq.M.)
Aspecta™ Five Limited Commercial Warranty ¹	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)

NORTH AMERICAN STANDARDS – MANUFACTURING & USAGE (ASTM F1700)

Standard	Description	Requirements	Results
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F386	Thickness	Tolerance: $\pm 0.005"$ vs. Nominal	Passes Requirements
ASTM F410	Wear Layer Thickness	Commercial: $\geq 0.020"$ (0.5mm)	Passes Requirements
ASTM F2055	Size & Squareness	Size, Tolerance: $\pm 0.016"/$ Linear Foot vs. Nominal Squareness: $\leq 0.010"$	Passes Requirements
ASTM F1914	Residual Indentation	Average $< 8\%$; Maximum $\leq 10\%$	Surpasses Requirements
ASTM F137	Flexibility	No cracks/breaks (1"/25.4mm Mandrel)	Surpasses Requirements
ASTM F2199	Dimensional Stability	$\leq 0.020"/$ Linear Foot	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average $\Delta E < 8.0$	Surpasses Requirements
ASTM F1515	Resistance to Light	Average $\Delta E < 8.0$	Surpasses Requirements

NORTH AMERICAN STANDARDS – SAFETY & PERFORMANCE

Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Per IBC ² 2018 & NFPA ³ 101 Life Safety Code: Class I: ≥ 0.45 W/Sq.cm.	Passes Requirements
ASTM E662 ⁴	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements
CAN/ULC S102.2 ⁵	Surface Burning Characteristics, Canada	Use dependent	Flame Spread Rating (FSR): ≤ 45 Smoke Developed Classification (SDC): ≤ 250
CDPH/EHLB/Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823 / CPSC-CH-C1001-09.3	Phthalates	Refer to Consumer Product Safety Improvement Act (CPSIA)	Passes Requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (No Official Requirements)	≥ 0.6 (Dry)
ASTM F970	Static Load	$\pm 0.005"$, 250psi	Passes Requirements
SIM Test	Static Load Limit	Test to Limit ($\pm 0.005"$)	$\geq 1,000$ psi
ANSI ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Abs): ≤ 2.0 kV

NORTH AMERICAN STANDARDS – SOUND

Standard	Description	Product(s) Tested	Assembly	IBC ² Requirements	Results
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss of Building Partitions and Elements (STC / Sound Transmission Class)	Aspecta Five + Prevail GDP	6" Concrete Slab	STC ≥ 50	STC 51 (Surpasses Requirements)
			6" Concrete Slab + Drop-Ceiling	STC ≥ 50	STC 61 (Surpasses Requirements)
ASTM E492 & ASTM E989	Impact Sound Transmission Through Floor-Ceiling Assemblies (IIC / Impact Insulation Class)	Aspecta Five + Prevail GDP	6" Concrete Slab	IIC ≥ 50	IIC 50 (Passes Requirements)
			6" Concrete Slab + Drop-Ceiling	IIC ≥ 50	IIC 70 (Surpasses Requirements)
ASTM E492 & ASTM E2179	Effectiveness of Floor Coverings in Reducing Impact Sound Transmission (Δ IIC / Δ Impact Insulation Class)	Aspecta Five + Prevail GDP	6" Concrete Slab	N/A	Δ IIC 21
		Aspecta Five	6" Concrete Slab	N/A	Δ IIC 14

Footnotes

- 1) **Aspecta™ Five Limited Commercial Warranty:** Please see full terms and conditions of our warranties at www.aspecta flooring.com.
- 2) **IBC:** International Building Code
- 3) **NFPA:** National Fire Protection Association
- 4) **ASTM E662 (Smoke Density):** 450 is the limit established by many state, county, and/or local building and/or fire codes, but is not set as a limit for (resilient) flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction. Consult your building inspector / fire marshal to learn more.
- 5) **CAN/ULC S102.2 (Surface Burning Characteristics, Canada):** Results obtained when installed with Prevail® 4000 2-Part Epoxy Adhesive or with Prevail® 6000 PSA (Pressure Sensitive Adhesive).