



ASPECTA

CONTRACT™

ASPECTA CONTRACT™ FIVE TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (LUXURY VINYL TILE FLOORING – 3.2 MM GAUGE / 28MIL WEAR LAYER)

Collection (Embossing)	<ul style="list-style-type: none"> Perfect Oak (Barnside) Concrete Plank¹ (Textured Concrete) 	<ul style="list-style-type: none"> Contemporary Oak (Barnside) 	<ul style="list-style-type: none"> Mason Oak (In-Register) Melbourne Elm (Barnside) Piermont (Antiqued) Summer Pine (In-Register) Treated Oak (In-Register)
Use	Commercial	Commercial	Commercial
Size	4 x 24 in (101.6 x 609.6 mm)	4 x 36 (101.6 x 914.4 mm)	7.25 x 48 in (184.15 x 1219.2 mm)
Thickness – Overall	3.2 mm (0.126 in)	3.2 mm (0.126 in)	3.2 mm (0.126 in)
Thickness – Wear Layer	28 mil (0.7 mm)	28 mil (0.7 mm)	28 mil (0.7 mm)
Profile	Micro-bevel edge	Square edge	Micro-bevel edge
Finish	Duraspect™ Extreme surface protectant	Duraspect™ Extreme surface protectant	Duraspect™ Extreme surface protectant
Coverage – Carton	36 pieces (24 sq.ft / 2.23 sq.m)	30 pieces (30 sq.ft / 2.79 sq.m)	15 pieces (36.3 sq.ft / 3.37 sq.m)
Coverage – Pallet	56 cartons (1,344 sq.ft / 124.9 sq.m) ¹	63 cartons (1,890 sq.ft / 175.6 sq.m)	50 cartons (1,812.5 sq.ft / 168.4 sq.m)
Coverage – Container	28 pallets (37,632 sq.ft / 3,496 sq.m) ¹	20 pallets (37,800 sq.ft / 3,512 sq.m)	22 pallets (39,875 sq.ft / 3,704 sq.m)
Limited Warranty (Commercial)	25-year material (100%) 10-year labor (pro-rated)	25-year material (100%) 10-year labor (pro-rated)	25-year material (100%) 10-year labor (pro-rated)

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Collection (Emboss)	<ul style="list-style-type: none"> Beaumont Hickory (Handscraped) Perfect Oak (Barnside) 	<ul style="list-style-type: none"> Turkish Marble (Rough Concrete) Washed Concrete (Rough Concrete)
Use	Commercial	Commercial
Size	9 x 60 in (228.6 x 1524 mm)	24 x 24 in (609.6 x 609.6 mm)
Thickness - Overall	3.2 mm (0.126 in)	3.2 mm (0.126 in)
Thickness - Wear Layer	28 mil (0.7 mm)	28 mil (0.7 mm)
Profile	Micro-bevel edge	Micro-bevel edge
Finish	Duraspect™ Extreme surface protectant	Duraspect™ Extreme surface protectant
Coverage – Carton	10 pieces (37.5 sq.ft / 3.48 sq.m)	9 pieces (36 sq.ft / 3.34 sq.m)
Coverage – Pallet	48 cartons (1,800 sq.ft / 167.2 sq.m)	50 cartons (1,800 sq.ft / 167.2 sq.m)
Coverage – Container	21 pallets (37,800 sq.ft / 3,512 sq.m)	20 pallets (36,000 sq.ft / 3,345 sq.m)
Limited Warranty (Commercial)	25-year material (100%) 10-year labor (pro-rated)	25-year material (100%) 10-year labor (pro-rated)

STANDARDS – MANUFACTURING & USAGE (ASTM F1700)

Standard	Description	Requirements	Results
ASTM F1700	Classification	Refer to standard	Class III, Type B
ASTM F1700	Physical Characteristics / Tolerances	Refer to standard	Passes requirements ²
ASTM F2199	Dimensional Stability	≤ 0.020 in/lin.ft (0.51 mm/306 mm)	Passes requirements
ASTM F137	Flexibility	No crack or break, 1-in (25.4-mm) mandrel	Passes requirements
ASTM F1914	Residual Indentation	Ave < 8%; max ≤ 10%	Passes requirements
ASTM F925	Chemical Resistance	No more than “Slight Change”	Passes requirements
ASTM F1514	Resistance to Heat	Ave ΔE < 8.0	Passes requirements
ASTM F1515	Resistance to Light	Ave ΔE < 8.0	Passes requirements



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STANDARDS – SAFETY & PERFORMANCE

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/sq.cm	Passes requirements ³
ASTM E662	Smoke Density	Flaming & non-flaming: ≤ 450	Passes requirements ⁴
CAN/ULC S102.2	Surface Burning Characteristics, Canada	Use dependent	FSR (Flame Spread Rating) ⁵ 45 SDC (Smoke Developed Classification) ⁵ 250
CDPH/EHLB Std Method V1.2	VOCs/TVOCs, Formaldehyde	Refer to standard	Passes requirements
REACH SVHC 191	Substances of Very High Concern	Refer to standard	Passes requirements
ASTM F963	Heavy Metals	Refer to standard	Passes requirements
CPSC-CH-C1001-09.3	Phthalates	Per CPSIA ⁶ : $\leq 0.1\%$ per substance	Passes requirements
ASTM D2047	Coefficient of Friction / Slip Resistance	N/A (no official requirements)	≥ 0.6 (dry)
ANSI ESD STM97.2	Body Voltage	N/A (no official requirements)	Average (abs): ≤ 0.95 kV
ASTM F970	Static Load	N/A (no official requirements)	0.005 in (0.13 mm), $\geq 1,000$ psi
ASTM D4060	Abrasion Resistance	N/A (no official requirements)	$\geq 20,000$ cycles

STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 51	IIC 50	Δ IIC 21	Tested assembly, with Prevail® GDP (Glue-Down Pad), passes International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings.
6" Concrete Slab + Drop-Ceiling	STC 61	IIC 70	Not applicable	

Notes

- 1) Concrete Plank Collection: 48 cartons/pallet (1,152 sq.ft / 107.0 sq.m), 42 pallets/container (48,384 sq.ft. / 4,495 sq.m)
- 2) ASTM F 1700 – Physical Characteristics / Tolerances: include Size, Squareness, Thickness, and Wear Layer Thickness (Commercial Class).
- 3) ASTM E648 – Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
- 4) ASTM E662 – Smoke Density: 450 is the limit established by many states, counties, and/or local building and/or fire codes in the United States 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.
- 5) CAN/ULC S102.2 – Surface Burning Characteristics, Canada: Results obtained when installed with Prevail® 4000 2-part epoxy adhesive or with Prevail® 6000 pressure sensitive adhesive.
- 6) CPSIA = Consumer Product Safety Improvement Act.