



ASPECTA™
TEN

Featuring **ISOCORE** Technology™

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 10.0MM / 0.7 MM)

Collection & Emboss	Brindle Oak (In-Register Emboss) Runyon Oak (In-Register Emboss) Tally Oak (In-Register Emboss) Tanley Hall (In-Register Emboss)	Crescent Oak (In-Register Emboss)	Corneto (Coral Emboss) Fulton Hyde (Calf Skin Emboss) Urban Grid (Honed Stone Emboss)
Use	Commercial	Commercial	Commercial
Size	220mm x 1510mm (8.66" x 59.45")	220mm x 1828mm (8.66" x 71.97")	448mm x 906mm (17.64" x 35.67")
Mass per Unit Area	10.8kg/m ²	10.8kg/m ²	10.8kg/m ²
Thickness - Overall/Wear Layer	10.0mm (0.394") / 0.7mm (28mil)	10.0mm (0.394") / 0.7mm (28mil)	10.0mm (0.394") / 0.7mm (28mil)
Top Layer	3.0mm (0.118") Luxury Vinyl Tile (LVT)	3.0mm (0.118") Luxury Vinyl Tile (LVT)	3.0mm (0.118") Luxury Vinyl Tile (LVT)
Core	5.0mm (0.197") ISOCORE Technology™	5.0mm (0.197") ISOCORE Technology™	5.0mm (0.197") ISOCORE Technology™
Pad	2.0mm (0.079")	2.0mm (0.079")	2.0mm (0.079")
Profile	Micro-Bevel	Micro-Bevel	Micro-Bevel
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Coverage - Carton	5 Pieces (17.88 Sq.Ft. / 1.66 Sq.M.)	4 Pieces (17.32 Sq.Ft. / 1.61 Sq.M.)	5 Pieces (21.84 Sq.Ft. / 2.03 Sq.M.)
Coverage - Pallet	36 Cartons (643.6 Sq.Ft. / 59.8 Sq.M.)	64 Cartons (1,108.2 Sq.Ft. / 103 Sq.M.)	30 Cartons (655.3 Sq.Ft. / 60.9 Sq.M.)
Coverage - Container	30 Pallets (19,309 Sq.Ft. / 1,794 Sq.M.)	15 Pallets (16,623 Sq.Ft. / 1,544 Sq.M.)	29 Pallets (19,005 Sq.Ft. / 1,766 Sq.M.)
Aspecta™ Ten 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 F3261)

Standard	Description	Requirements	Results
ASTM F3261	Physical Characteristics / Tolerances	Refer to Standard	Passes Requirements ²
ASTM F1914	Residual Indentation	Average: ≤0.007" (0.18mm)	Passes Requirements
ASTM F1914	Surface Integrity	No puncture through wear or décor layers	Passes Requirements
ISO 23999	Dimensional Stability	≤0.2% / lineal ft. (305 mm)	Passes Requirements
ISO 23999	Curling	≤0.080" (2.0mm)	Passes Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Passes Requirements
ASTM F1514	Resistance to Heat	Average ΔE < 8.0	Passes Requirements
ASTM F1515	Resistance to Light	Average ΔE < 8.0	Passes Requirements
ASTM F970	Static Load Limit	≤0.005" (0.13mm), 250psi	Passes Requirements (≥500psi)

NORTH AMERICAN 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
CDPH Standard Method v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table I)	Passes Requirements
CPSC-CH-C1001-09.3	Phthalates	Per CPSIA ⁵ : ≤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): ≤2.0kV

NORTH AMERICAN STANDARDS – SOUND

Assembly	ASTM E90	ASTM E492	ASTM E2179	Results (Remarks)
6" Concrete Slab	STC 50	IIC 50	ΔIIC 22	Tested assemblies pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwellings
6" Concrete Slab + Drop-Ceiling	STC 60	IIC 69	Not Applicable	

Notes

- 1) Aspecta Ten Limited Commercial Warranty: Please refer to warranty document for full terms & conditions.
- 2) ASTM F3261 - Physical Characteristics / Tolerances: includes Size, Squareness, Thickness, Wear Layer Thickness (Commercial Class.), Flatness, Openings, and Ledging.
- 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 state, county, 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) CPSC-CH-C1001-09.3 - Phthalates: CPSIA = Consumer Product Safety Improvement Act.