



ASPECTA™

A PROUD MEMBER OF THE HMTX FAMILY

Aspecta™ Contours TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING (LUXURY VINYL TILE FLOORING - 2.5 MM GAUGE / 22 MIL WEAR LAYER)

COLLECTION	Dritta
USE	Commercial
SIZE	9 in x 60 in (228.6 mm x 1,524 mm)
THICKNESS – OVERALL	2.5 mm (0.098 in)
THICKNESS – WEAR LAYER	22 mil (0.55 mm)
PROFILE	Micro-Bevel Edge
FINISH	Duraspect™ Surface Protectant
EMBOSSING	In-Register
COVERAGE – CARTON	10 Pieces/Carton (37.5 sq.ft / 3.48 sq.m)
COVERAGE – PALLET	56 Cartons/Pallet (2,100 sq.ft / 195.1 sq.m)
COVERAGE – CONTAINER	21 Pallets/Container (44,100 sq.ft / 4,097 sq.m)
LIMITED WARRANTY (COMMERCIAL)	20-Year Material (Non-Prorated) 10-Year Labor (Prorated)

STANDARDS – MANUFACTURING & USAGE (ASTM F1700)

STANDARD	DESCRIPTION	REQUIREMENTS	TEST RESULTS
ASTM F1700	Classification	Refer to Standard	Class III, Type B
ASTM F1700	Physical Characteristics / Tolerance	Refer to Standard	Passes Requirements ¹
ASTM F2199	Dimensional Stability	≤ 0.020 in/linear ft (0.51 mm/305 mm)	Passes Requirements
ASTM F137	Flexibility	No Crack or Break, 1-in (25.4 mm) Mandrel	Passes Requirements
ASTM F1914	Residual Indentation	Average < 8%, Maximum ≤ 10%	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

STANDARDS – SAFETY & PERFORMANCE

STANDARD	DESCRIPTION	REQUIREMENTS	TEST RESULTS
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/sq.cm	Passes Requirements ²
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ³
CDPH STD METHOD V1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
REACH SVHC 191	Substance of Very High Concern	Refer to Standard	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table I)	Passes Requirements
CPSC-CH-C1001-09.3	Phthalates	Per CPSIA ⁴ ≤ 0.1% per Substance	Passes Requirements
ASTM D2047	Coefficient of Friction	N/A (No Official Requirements)	≥ 0.6 (Dry)
ANSI/ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Absolute): ≤ 2.0 kV
ASTM F970	Static Load	N/A (No Official Requirements)	0.005 in, ≥ 1,000 psi Load
ASTM D4060	Abrasion Resistance	N/A (No Official Requirements)	≥ 20,000 cycles

STANDARDS – SOUND

ASSEMBLY	ASTM E90	ASTM E492	ASTM E2179	TEST RESULTS
6-IN CONCRETE SLAB	STC 51	IIC 50	ΔIIC 21	Tested assemblies, with Prevail® GDP (Glue-Down Pad), pass International Building Code (IBC) requirements of STC ≥ 50 and IIC ≥ 50 for multi-story dwelling.
6-IN CONCRETE SLAB + DROP-CEILING	STC 61	IIC 70	Not Applicable	

- Notes**
- ASTM F1700 – Physical Characteristics / Tolerance: include Size, Squareness, Thickness, and Wear Layer Thickness (Commercial Class).
 - ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
 - 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.
 - CPSIA = Consumer Product Safety Improvement Act.