ASPECTA FIVE

PHYSICAL PROPERTIES & PACKAGING – PLANK (DRYBACK 3,2 MM/0,70 MM)

Size	101.6mm x 914.4mm (4" x 36")	152.4mm x 1219.2mm (6" x 48")	184.15mm x 1219.2mm (7.25" x 48")	230mm x 1500mm (9.055" x 59.055")
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Use	Commercial	Commercial	Commercial	Commercial
Wear Layer	0.7mm (28 mil)	0.7mm (28 mil)	0.7mm (28 mil)	0.7mm (28 mil)
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
Thickness	3.2mm (0.126")	3.2mm (0.126")	3.2mm (0.126")	3.2mm (0.126")
Mass per Unit Area	5.510kg/m^2	5.510kg/m^2	5.510kg/m^2	5.510kg/m^2
Pieces/Carton	30	16	15	10
Coverage/Piece	0.093 Sq.M. (1 Sq.Ft.)	0.186 Sq.M. (2 Sq.Ft.)	0.225 Sq.M. (2.417 Sq.Ft.)	0.345 Sq.M. (3.7135 Sq.Ft.)
Coverage/Carton	2.787 Sq.M. (30 Sq.Ft.)	2.976 Sq.M. (32 Sq.Ft.)	3.375 Sq.M. (36.26 Sq.Ft.)	3.45 Sq.M. (37.135 Sq.Ft.)
Coverage/Pallet	50 Cartons (139.35 Sq.M./1,500 Sq.Ft.)	54 Cartons (160.7 Sq.M./1,728 Sq.Ft.)	50 Cartons (168.75 Sq.M./1,813 Sq.Ft.)	60 Cartons (207 Sq.M./2,228 Sq.Ft.)
Coverage/Container	20 Pallets (2,787 Sq.M./30,000 Sq.Ft.)	18 Pallets (2,892.6 Sq.M./31,104 Sq.Ft.)	18 Pallets (3,037.5 Sq.M./32,634 Sq.Ft.)	14 Pallets (2,898 Sq.M./31,193 Sq.Ft.)
Limited Warranty	25-Year Commercial	25-Year Commercial	25-Year Commercial	25-Year Commercial

PHYSICAL PROPERTIES & PACKAGING – TILE (DRYBACK 3,2 MM/0,70 MM)

Size	304.8mm x 609.6mm (12" x 24")	457.2mm x 457.2mm (18" x 18")	609.6mm x 609.6mm (24" x 24")
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Use	Commercial	Commercial	Commercial
Wear Layer	0.7mm (28 mil)	0.7mm (28 mil)	0.7mm (28 mil)
Finish	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles	Urethane Coating with Ceramic Bead Particles
Thickness	3.2mm (0.126")	3.2mm (0.126")	3.2mm (0.126")
Mass per Unit Area	5.510kg/m^2	5.510kg/m^2	5.510kg/m^2
Pieces/Carton	16	18	9
Coverage/Piece	0.186 Sq.M. (2 Sq.Ft.)	0.209 Sq.M. (2.25 Sq.Ft.)	0.372 Sq.M. (4 Sq.Ft.)
Coverage/Carton	2.98 Sq.M. (32 Sq.Ft.)	3.762 Sq.M. (40.5 Sq.Ft.)	3.348 Sq.M. (36 Sq.Ft.)
Coverage/Pallet	48 Cartons (142.85 Sq.M./1,536 Sq.Ft.)	40 Cartons (150.48 Sq.M./1,620 Sq.Ft.)	44 Cartons (147.31 Sq.M./1,584 Sq.Ft.)
Coverage/Container	20 Pallets (2,857 Sq.M./30,720 Sq.Ft.)	20 Pallets (3,009.6 Sq.M./32,400 Sq.Ft.)	20 Pallets (2,946.24 Sq.M./31,680 Sq.Ft.)
Limited Warranty	25-Year Commercial	25-Year Commercial	25-Year Commercial

EUROPEAN / INTERNATIONAL STANDARDS – MANUFACTURING & USAGE (EN ISO 10582)

Description	Standard	Symbol	Requirements	Results
Identification	EN ISO 10582	N/A	Type I: Wear Layer Binder Content $\geq$80%	Passes Requirements
Classification (Level of Use)	EN ISO 10582 EN ISO 10874		**Domestic - Heavy (Class 23)** Wear Layer (Nominal): $\geq$0.30mm Thickness (Nominal): $\geq$1.5mm	Passes Requirements (Nominal)
			Commercial - Very Heavy (Class 34) Wear Layer (Nominal): $\geq$0.70mm Thickness (Nominal): $\geq$2.0mm	Passes Requirements (Nominal)
			Light Industrial - Heavy (Class 43) Wear Layer (Nominal): $\geq$0.70mm Thickness (Nominal): $\geq$2.0mm	Passes Requirements (Nominal)
Size, Squareness, and Straightness	EN ISO 24342		Size: $\leq$0.15% from Nominal Squareness/Straightness: If Size $\leq$400mm: $\leq$0.25mm If Size >400mm: $\leq$0.35mm	Passes Requirements
Thickness	EN ISO 24346 / EN 428		Average (from Nominal): +0.13mm / -0.10mm Any Sample (from Average): ±0.15mm	Passes Requirements
Mass per Unit Area	EN ISO 23997 / EN 430		+13% / -10% from Nominal	Passes Requirements
Dimensional Stability	EN ISO 23999 / EN 434		$\leq$0.25%	Surpasses Requirements
Curling	EN ISO 23999 / EN 434	N/A	$\leq$2mm	Surpasses Requirements
Flexibility	EN ISO 24344 (Method A) / EN 435		No cracks (20mm Mandrel)	Passes Requirements
Residual Indentation	EN ISO 24343-1 / EN 433		$\leq$0.1mm	Surpasses Requirements
Castor Chair	ISO 4918		After 25,000 cycles: Delamination - None Appearance $\leq$ "Slight Change"	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		$\geq$Grade 6	Surpasses Requirements

EUROPEAN / INTERNATIONAL STANDARDS – CE CERTIFICATION / TESTING

Description	Standard	Symbol	Requirements	Results
CE Certification	EN 14041	$C\epsilon$	Refer to Standards Below	Refer to Results Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	B_{fl}-s1	**B_{fl} - s1 Classification** Critical Flux: $\geq$8.0kW/m^2 Flame Spread: $\leq$150mm within 20s Smoke value as % x min: $\leq$750	Passes Requirements
Content of PCP (pentachlorophenol)	EN 14041	DL PCP	<5ppm	Passes Requirements

EUROPEAN / INTERNATIONAL STANDARDS – CE CERTIFICATION / TESTING (CONTINUED)

Description	Standard	Symbol	Requirements	Results
Formaldehyde Emission	EN 717-1	E1 HCHO	**Class E1**: Release $\leq$0.124mg/m^3	Passes Requirements
Slip Resistance (Dry)	EN 13893	DS	**Class DS**: Coefficient of Friction $\geq$ 0.30	Passes / Surpasses Requirements

EUROPEAN / INTERNATIONAL STANDARDS – AUXILIARY PERFORMANCE & SAFETY

Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet)[1]	DIN 51130	N/A	Grade R10: $\geq$10° and <19°	Passes / Surpasses (Except Antiqued/Hand Scraped and Barnside embosses)
Slip Resistance (Australia / New Zealand)[2]	AS 4586	N/A	**Wet Pendulum (Slider 96)** P3: 35-44 SRV **Oil-Wet Inclining Platform** Grade R10: $\geq$10° and <19°	Passes / Surpasses (Except Light Wood Tick Emboss)
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No effect
Thermal Resistance	ISO 8301 / EN 12667		N/A	**ISO 8301** 0.19881 W / mK at 25°C **EN 12667** 0.21149 W / mK at 25°C
Abrasion / Wear Resistance	EN 660-2		N/A	$F_v \leq$2.0mm^3 / 100r
Sound Reduction[3]	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔL_W = 11dB $C_{I\Delta}$ = -6dB
Product-Content Safety	REACH SVHC 163	N/A	N/A	Passes Requirements

ADDITIONAL STANDARDS – SUSTAINABILITY

Standard	Description
FloorScore® CHPS 01350 LEED EQ 4.3	This product is FloorScore® Certified (SCS-FS-03333) and has thus been found to comply with the volatile organic compound emissions criteria of the California Section 01350 standard. FloorScore® Certification can also be used as an alternative path to obtaining LEED EQ 4.3 credit.
NSF/ANSI 332	This product is NSF/ANSI 332 Platinum Certified (SCS-RF-03378) and thus meets benchmark standards for social, environmental and economic sustainability as defined by the NSF/ANSI 332 standard. The assessment evaluated product design, product manufacturing, long-term value, end-of-life management, corporate governance, and innovation.

Footnotes

1) **Slip Resistance-Wet (DIN 51130)**: Results vary with emboss. Grade R9: Antiqued/Hand Scraped, Barnside; Grade R10: Honed Stone, In-Register (IRE) Plank, In-Register (IRE) Tile, Light Wood Tick, Pebble, Satin, Wire Brush.

2) **Slip Resistance-Australia/New Zealand (AS 4586), Oil-Wet Inclining Platform**: Results vary with emboss. Grade R9: Light Wood Tick; Grade R10: Antiqued/Hand Scraped, Barnside, Honed Stone, In-Register (IRE) Plank, In-Register (IRE) Tile, Pebble, Satin, Wire Brush.

3) **Sound Reduction (EN ISO 10140-3, ISO 717-2, EN ISO 140-8)**: ΔL_W = Weighted Reduction of Impact Sound Pressure Level; $C_{I\Delta}$ = Spectrum Adaptation.