

Vinyl Composite Tiles

Homogeneous Vinyl Tile

TECHNICAL DATA SHEET



Key Highlights

- Low installed price with excellent durability
- Superior edging & squareness offers seamless visual

SPECIFICATION ACCORDING TO EN 649

CHARACTERISTICS	STANDARD	UNIT	RESULT Imperial
STRUCTURE			
Type of flooring	ASTM F 1066	class 2	Vinyl Composition Tile
Construction	n/a	n/a	Homogeneous Tile
Classification	EN 685		Commercial : 33
	EN 685		Industrial : 42
SAFETY CRITERIA			
Slip resistance	AS/NZS 4586 Appendix A: Wet pendulum Appendix D: Oil-wet ramp	group	n/a
PERFORMANCE BEHAVIOR			
Tile size (width x length)	ASTM F 1066	mm	305 x 305 457 x 457 (against order)
Coverage (per carton)	n/a	m ²	4.19
No. of tiles	n/a	n/a	45
Abrasion resistance	CNS 3309	n/a	below 100
Change in dimension after heating	CNS 8907		304.8
Overall thickness	ASTM F 386	mm	2.0 & 3.2 (against order)
Squareness of tiles	ASTM F 2055	mm	≥ 0.25
Nominal weight	EN 430	kg/m ²	4.45 (2.0mm) 7.06 (3.2mm)
Static load limit	ASTM F 970	psi	75 (5.27 kg/m ²)
Residual indentation	ASTM F 1914	inch	≤ 0.024 per linear feet
Flexibility	n/a	n/a	No crack beyond limit
Static electrical charge	EN 1815	kV	≤ 2.0
Flammability	EN 1350 1-1	n/a	B _{fl} -s1
Color fastness	ISO 105-B02	rating	≥ 6
Chemical Resistance	ASTM F 925	n/a	No more than slight change in surface dulling, attack or staining
Dynamic coefficient of friction	EN 13893	n/a	DS (>0.30)
Castor chair ✓	Underfloor heating ✓		Antimicrobial and antifungal ✓
Antistatic behavior ✓	Chemical resistance ✓		

Note:

EXCELON series is designed to be maintained by traditional resilient flooring maintenance method, which include the use of polishes, spray-buffing techniques and appropriate high speed maintenance. Initial maintenance immediately after installation