TECHNICAL INFO

2tec2®
high tech flooring

		Rolls	Tiles	+ Comfort Backing
Manufacturing process		Woven	Woven	Woven
Composition		90% vinyl 10% fiberglass	95% vinyl 5% fiberglass	83% vinyl 7% fiberglass 10% PET
Backing		Vinyl	Vinyl	Vinyl + Felt
Total thickness	ISO 1765	2,5 mm 0.1"	3,3 mm 0.13"	5 mm 0.20"
Total weight	ISO 8543	2200 g/m² 64.9 oz/yd²	4000 g/m² 118.0 oz/yd²	3000 g/m² 88,5 oz/yd²
Roll width	EN ISO 24341	ca. 200 cm ca. 6'7"	-	ca. 200 cm ca. 6'7"
Roll length	EN ISO 24341	ca. 30 m 32.8 yd	-	ca. 30 m 32.8 yd
Tile size 16 pcs per box	EN 994	-	50 cm x 50 cm 19.69" x 19.69"	50 cm x 50 cm 19.69" x 19.69"
Level of Use	EN 1307 ASTM D5252	Class 33 Heavy commercial use	Class 33 Heavy commercial use	Class 33 Heavy commercial use
Foot traffic test	ASTM D6119-12	Heavy traffic	Heavy traffic	Heavy traffic
Castor chair suitability	EN 985	Continuous use	Continuous use	Continuous use
Reaction to fire	EN 13501-1	Bfl-s1 Glued – stuck down	Bfl-s1 Loose laid	Bfl-s1 Loose laid
Critical radiant flux	ASTM E648-10e1 NFPA	1,02 W/cm² CLASS I	0,99 W/cm² CLASS I	0,84 W/cm² CLASS I
Smoke density	ASTM E622	< 300	< 300	< 300
Walking test	ISO 6356 AATCC 134-2006	< 2 kv Permanently antistatic	< 2 kv Permanently antistatic	< 2 kv Permanently antistatic
Light fastness	ISO 105-B02	≥ 7	≥ 7	≥ 7
Slip resistance	EN 13893 ASTM C1028-07 DIN 51130 EN 13036-4	≥ 0,3 0,85 R9 65	≥ 0,3 0,85 R9 65	≥ 0,3 0,85 R9 65
Impact sound reduction	ISO 10140	12 dB	14 dB	19 dB
Acoustical absorption	ISO 354	αw = 0,05	αw = 0,05	αw = 0,15
Walking noise reduction	EPLF 021029-3	SL80	SL80	SL70
Dimensional stability	EN 986 ISO 2551	Meets the requirements	Meets the requirements	Meets the requirements
Thermal resistance	ISO 8302	Suitable for underfloor heating	Suitable for underfloor heating	Suitable for underfloor heating
CE Certificate	EN 14041	0493-CPR-0035	0493-CPR-0036	0493-CPR-0151
Environment, health and safety	-	100% recyclable LEED contributing product A+ Certified REACH compliant Phthalate free	100% recyclable LEED contributing product A+ Certified REACH compliant Phthalate free	10% recycled content LEED contributing product A+ Certified REACH compliant Phthalate free