

Flex Flooring Tiles Spec-Sheet

CHARACTERISTICS	STANDARDS	MEASUREMENT UNIT	REQUIREMENTS	AVERAGE VALUES
Hardness	ISO 7619	Shore A	≥ 75	85 ± 5
Abrasion resistance	ISO 4649 (met. A – 5N)	mm ³	≤ 250	160
Electrical resistance	IEC 60093	Ohm		$> 10^{10}$
Resistance to stains	EN 423			Resistant
Acoustic insulation when walked upon	ISO 140 - 8	dB		6
Colour fastness to artificial light	ISO 105-B02 Met. 3	degree	≥ 6 Blue \geq grey scale	In accordance
Fire behavior	DIN 4102 UNI 8457 – UNI9174 NEP 92-507	Class	B1 1 M3	B1 1 M3
Effect of a castor chair	EN 425 castor wheels type W		No alterations	Suitable
Dimensional stability	EN 434	%	$\pm 0,4$ max	≤ 0.4
Residual indentation	EN 433	mm	$\leq 0.15 \cdot \text{FLOOR N}$	0.05
Thermic resistance	DIN 52612	M ² K/W		0.015 TM-BK 0.020 TP-BK
Electrostatic charge when walked upon	EN 1815 AATCC 134	kV kV	≤ 2	≤ 2 (antistatic) 0.2
Slipping resistance	DIN 51130 BCRA TORTUS TEST	Class μ	BIA ≥ 0.40	R9 ~ 0.60
Cigarette burns	EN 1399	rating	Metodo A ≥ 4 Metodo ≥ 3	In accordance
Flexibility	EN 435 Met.A ($\Phi 20$ mm)		No fissuring	No fissuring