



Technical Characteristics for CLASS “Rubber” Leather Flooring

CLASS

Summit International Flooring

Physical Properties: Resilient Rubber Tiles for Commercial and Residential Applications	Rubber Compound with a slight “leather embossing”
Thickness:	3.5mm (1/8”)
Mfg:	Double Decker (face and backing)
Top Coating:	P.U. film, anti-skid
Testing:	Physical properties: UNI EN 1817/01 Classification to Fire/Heat: ISO 11925-2-2002 & EN 13501-1

Technical Characteristics	Normes	Average Test Results From Running Production
Dimensional Stability (6h/176°F, 80°C)	EN434 (% MAX)	-0.03% (longitudinal) +0.06% (width)
Flexibility (mandrel diameter 25/32” (20mm))	EN 435 Method A	No cracking or fissures
Hardness	ASTM D-2240 (SHORE A) ISO 7619	80/85 Shore A
Residual Compression	EN 433	.15mm (.15 mil)
Abrasion (TABER)	ISO 4649 Method A 5N	13% (loss of weight after 3000 revolutions)
Coefficient of Friction	DIN 51130 ASTM D-1894	R9
Acoustic Insulation	DIN 5210 ISO 140-8 (dB)	10 dB
Thermal Resistance	DIN 52612-1 (W/mK)	Suitable for sub-floor heating systems (std. heat)
Resistance to Chemical Agents	EN 423	No appreciable changes
Electrostatic Charge	EN 1815 (Kv)	Antistatic (Kv)
Tear Die -C	ASTM D-625	80/90 psi
Elongation	ASTM D-412	250%
Tensile Strength	ASTM D-412	550/600 psi
Fire Resistance:		
Flame Spread	EN#13501	4.93, Norm. Class I
Extinguishing Time	ASTM #648	Self Extinguishing
Heat Release	ASTM E-1354	Pass
Smoke Density	ASTM E-662	510.6 (less than any class)

- The test results relate to the behavior of the rubber tile CLASS “Leather” Rubber. Under the particular conditions of the test “direct flame” (similar to ASTM Tunnel Test), they are not intended to be the sole criteria for assessing the potential fire hazard of the product. Testing was conducted with a glued down application with PU adhesive. In the event the tiles are laid loose, results may vary.
- These test results are based on laboratory standard and official testing by LAPI (European Lab). Summit International Flooring is not responsible for any hazard, environmental conditions, installations, or any other condition based on different job sites.