

RIO TECHNICAL SPECIFICATIONS

Rio is semi-aniline, enhanced grain leather with a pearlized finish.
As a Leathershield product, it offers excellent durability for heavy traffic areas with minimal maintenance.

PROPERTY	TEST METHOD	RESULT
Average Hide Size		50 FT2
Average Thickness	ISO 2589	0.8 - 1.0mm
Tensile Strength	ISO 3376	≥ 10 N/mm2
Elongation at Break	ISO 3376	Min 35%
Tear Strength	ISO 3377	≥ 40 N/mm
Flexing Endurance (after 20,000)	ISO 5402	No Damage
Color Fastness to Artificial Light (Xenotest 72hrs)	ISO 105 B 02	Min 4 (Blue Scale)
Color Fastness to Rubbing (500 Dry Rubs, 80 Wet Rubs)	ISO 11640, ISO 11640	4, 4 (Grey Scale)
Color Fastness to Rubbing (20 Sweat)	ISO 11641	4 (Grey Scale)
Finish Adhesion	ISO 11644	> 3 N/cm
Determination of pH	ISO 4050	OK, Min 3.2
Ignitability BS 5852-0 (Cigarette)	BS 5852:1979	Pass
Ignitability BS 5852-1 (Match)	BS EN 1021-1-2:2006	Pass
California Technical	Cal Tech Bulletin 117	Class 1
Cigarette Ignition Resistance	UFAC/NFPA 260	Class 1
Wyzenbeek - (Oscillatory Cylinder Method) @ 100,000 cycles	ASTM D 4157.07	Pass