

PRESTON TECHNICAL SPECIFICATIONS

Preston is semi-aniline, natural grain leather with a matte 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	1.2 - 1.4mm
Tensile Strength	ISO 3376	> 10 N/mm2
Elongation at Break	ISO 3376	40-90%
Tear Strength	ISO 3377-1	>20N
Flexing Endurance (after 50,000 flex)	ISO 5402	No Damage
Color Fastness to Artificial Light (Xenotest 72 Hrs.)	UNI EN ISO 105-B02	>5 (Blue Scale)
Color Fastness to Rubbing (500 Dry Rubs, 250 Wet Rubs)	UNI EN ISO 11640	>4, >3/4 (Grey Scale)
Color Fastness to Rubbing (80 Sweat)	UNI EN ISO 11641 (pH8)	> 3/4 (Grey Scale)
Finishing Adhesion	ISO 11644	>2,5N/cm
Determination of Ph, Difference Figure (Only For pH < 4)	ISO 4045	>3,5, <0,7
Water Repellency: Spray Test	AATCC 22-2010	Pass (95)
Soil Release: Oily Stain Method (Ketchup)	AATCC 130-2015	Grade 5
Soil Release: Oily Stain Method (Veg Oil)	AATCC 130-2015	Grade 4-5
Soil Release: Oily Stain Method (Wine)	AATCC 130-2015	Grade 5
Fire & Burning Behaviour (Cigarette & Match)	UNI EN ISO 1021-1/2	Pass
Ignitability BS 5852-0 (Cigarette)	BS 5852:1979	Pass
Ignitability BS 5852-1 (Match)	BS 5852:1979	Pass
Ignitability BS 5852-5 (Wooden Crib)	BS 5852-5	Treatable
California Technical	Cal Tech Bulletin 117-2013	Pass
Cigarette Ignition Resistance	UFAC/NFPA 260	Class 1
REACH	1907/2006/EC	Produced in conformance with REACH directives.
Water Resistance: Hydrostatic Pressure Test	AATCC 127-2017	>1000.0
Boston Fire Dept	BFD IX-I	Pass
Oil Repellency	AATCC 118-2020	Pass # 5
Wyzenbeek - (Oscillatory Cylinder Method) @ 70,000 cycles	ASTM D 4157.13	Pass
Aqueous Liquid Repellency	AATCC 193-2017 (Water/Alcohol)	Grade Number 8 (40:60/water: isopropyl alcohol)
Soil Release: Oily Stain Method (Blood)	AATCC Test Method 130-2018	Grade 5
Soil Release: Oily Stain Method (Urine)	AATCC Test Method 130-2018	Grade 5



LeatherShield™



Antibacterial

