

TECHNICAL DATA SHEET

Article: **PLUME IDROTECH®**

Thickness: 1.2 - 1.4 mm

Origin: Bovine

Type of tanning: Mineral, based on Chromium salt

Type of finishing: Semi aniline

Appearance: Semi glossy, smooth, soft

Certificate No. **CERT-037-2003-PDT-ICEC**

PHYSICAL / MECHANICAL PROPERTIES		
Characteristic	Test Method	Value
Tensile Strength	UNI EN ISO 3376	≥ 10 N/mm ²
Percentage Extension	UNI EN ISO 3376	≥ 20%
Tear Load	UNI EN ISO 3377-2	≥ 60 N
Distension and strength of surface (Ball burst method)	UNI EN ISO 3379	≥ 7,0 mm
Dry Flex Resistance	UNI EN ISO 5402-1	50000 cycles: No damages
Wet Flex Resistance	UNI EN ISO 5402-1	10000 cycles: No damages
WATER RESISTANCE TESTS		
Water absorption after 60 min	UNI EN ISO 5403-1	≤ 30%
Water transmission after 60 min	UNI EN ISO 5403-1	≤ 0.2 g
Water vapour permeability	UNI EN ISO 14268	≥ 0.8 mg/cm ² h ≥ 15 mg/cm ²
COLOUR FASTNESS TESTS		
Characteristic	Test Method	Value
Dry Rub Fastness	UNI EN ISO 11640	100 cycles ≥ 3 grey scale
Wet Rub Fastness	UNI EN ISO 11640	20 cycles ≥ 3 grey scale
Colour Fastness to water spotting	UNI EN ISO 15700	16h ≥ 3 grey scale
Colour Fastness to PVC Migration (Grain Side)	UNI EN ISO 15701	≥ 3 grey scale
Colour fastness to artificial light	UNI EN ISO 105-B02	24h ≥ 3 blue scale