TECHNICAL DATA SHEET

Article:	**ROYAL**
Raw Material:	German raw hides
Manufacturing:	German, according to german environmental requirements which are one of the most rigorous world-wide. Produced environmentally friendly and low emission.
Dispensing:	No use of azo-dyestuff, solventless, watery finish. Without FCKW, PCB, PCP, Formaldehyde, CHROME VI according to RAL UZ 117.
Thickness:	1,0 – 1,2 mm
Light Fastness:	Level 5 according to DIN EN ISO 105-B02
Tear Resistance:	Minimum 20 N/mm according to DIN EN ISO 3377-1/2
Flexing Resistance:	30.000 without damage according to DIN EN ISO 5402.
Rubbing Fastness:	Level 4 according to DIN EN ISO 11640 (500 cycles dry, 80 cycles wet or 50 cycles with perspiration solution alkaline). DIN EN ISO 5470-2 martindale: very good
Resistance to Perspiration:	DIN EN ISO 105-E04: very good
Resistance to Seawater:	DIN EN ISO 105-E02 (Textile-Standard, for lack of DIN-Standard for leather): very good
PH-Value:	Minimum 3,5 to DIN EN ISO 11644
Adhesion of Finish:	Minimum 2,5 N/cm to IUF 470
Flammability:	Flame resistant in accordance to DIN 75200 as well as BS AU 169 (british standards). Above standards are identical and requirement for DIN EN ISO 1021 part 1 and 2 (whole furniture), IMO A.652/16 (boat leather) as well as BS 5852/1 and CALIFORNIA TB 117.
Acid and Lye Resistance:	DIN EN-ISO 105-E04. Tests with acid or lye solution (in the PH-range of urine) do not result in any damage to or change of the surface.
Guarantee:	Quality and test specifications for upholstery leather (RAL-GZ 430-3) are fulfilled in every mark. We guarantee to follow the german upholstery standard.

Minor acceptable differences may occur for technical reasons.

G + H Leder GmbH – Success is no coincidence

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