



Made in Germany

HNC  
HIGHER NATURE  
COLLECTIVE PROJECT

## object and furniture leather Protekt

### Description:

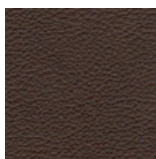
#### PROTEKT – simply play it safe

With high demands for the wearability of leather, it was primarily designed for interior design. Purely German product, completely dyed, eco-friendly manufacture, fire-resistant, and abrasion-resistant in accordance with German upholstery leather product guidelines.

### Technical specifications:

<b>Thickness:</b>	1,0 – 1,3 mm
<b>Light Fastness:</b>	Level 5 according to DIN EN ISO 105-B02
<b>Raw Material:</b>	German raw hides
<b>Manufacturing:</b>	German, according to german environmental requirements which are one of the most rigorous world-wide. Produced environmentally friendly and low emission.
<b>Dispensing:</b>	No use of azo-dyestuff, solventless, watery finish. Without FCKW, PCB, PCP, Formaldehyde, CHROME VI according to RAL UZ 117.
<b>Tear Resistance:</b>	Minimum 20 N/mm according to DIN EN ISO 3377-1/2
<b>Flexing Resistance:</b>	30.000 without damage according to DIN EN ISO 5402.
<b>Rubbing Fastness:</b>	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
<b>Resistance to Perspiration:</b>	DIN EN ISO 105-E04: very good
<b>Resistance to Seawater:</b>	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
<b>Flammability:</b>	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.
<b>Acid and Lye Resistance:</b>	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.
<b>Guarantee:</b>	Quality and test specifications for upholstery leather (RAL-GZ 430-3) are fulfilled in every mark. We guarantee to follow the german upholstery standard.

### Nuances:



brasil (P832)



black (P1000)

*Minor acceptable differences may occur for technical reasons.*



Scannen Sie die QR-Code  
für weitere Informationen  
auf unserer  
Webseite.