

| TECHNICAL PROPERTIES       |                                     | ALPIN                      |
|----------------------------|-------------------------------------|----------------------------|
| <b>PHYSICAL</b>            |                                     |                            |
| Raw material               |                                     | Central European cow hides |
| Substance                  | DIN EN ISO 2589 (IULTCS/IUP 4)      | ± 1,6 mm                   |
| Average size               |                                     | ± 4,8 m²                   |
| Dyeing                     |                                     | Semi aniline               |
| Grain                      |                                     | Full grain                 |
| <b>STRENGTH</b>            |                                     |                            |
| Flexometer test            | DIN EN ISO 5402 (IULTCS/IUP 402)    | ≥ 30.000 cycles            |
| Tear strength              | DIN EN ISO 3377-1 (IULTCS/IUP 40)   | ≥ 20 N                     |
| Tensile strength           | DIN EN ISO 3376                     | ≥ 80 N                     |
| Adhesion                   | DIN EN ISO 11644 (IULTCS/IUF 470)   | ≥ 2,5 N/cm                 |
| Colour fastness to light   | DIN EN ISO 105-B02 (IULTCS/IUF 402) | ≥ 5 (Blue scale)           |
| Colour fastness to rubbing | DIN EN ISO 11640 (IULTCS/IUF 450)   |                            |
|                            | Dry                                 | ≥ 4, 500 cycles            |
|                            | Wet                                 | ≥ 4, 80 cycles             |
|                            | Perspiration (pH8)                  | ≥ 4, 50 cycles             |
| <b>SAFETY</b>              |                                     |                            |
| Flame-retardant (UK)       | BS 5852 Crib 5                      | Passed                     |
|                            | EN 1021, 1 & 2                      | Passed                     |
|                            | BS 5852 Crib 7                      | Passed (on request)        |
| Flame-retardant (DE)       | DIN 5510-2                          | Passed (on request)        |
| Flame-retardant (AT)       | ÖNORM B3825                         | Passed (on request)        |
| Flame-retardant (IMO)      | A652 (16)                           | Passed                     |
| Smoke behavior             | ÖNORM B3800                         | Passed Q1                  |
| Dripping                   | ÖNORM B3800                         | Passed Tr1                 |
| pH value                   | DIN EN ISO 4045                     | ≥ 3,5                      |
| <b>COMPLIANCE</b>          |                                     |                            |
| Reach                      | Free of harmful substances          | Complies                   |
| Blue Angel                 | Environmental standard              | Complies                   |
| ISO 14001                  | Environmental management            | Complies                   |
| ISO 9001                   | Quality management                  | Complies                   |
| CO² neutral                | Environmentally friendly            | Complies                   |
| Chrome free                | Environmentally friendly            | Complies                   |



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