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Derma® Soft Dyes

The pre-dispersion technology for levelness at its best

Derma® Soft dyes is a range of anionic pre-dispersed dyes which have been specially developed for the dyeing of all kinds of leathers in pastel shades with excellent levelness and fastness properties.

The dyes are pre-dispersed and result in excellent dye levelness properties without the addition of dispersing agents before or during dyeing.

Key benefits:

- **Excellent levelness**, as the dyestuffs are pre-dispersed
- **Very good fastness**, as we have selected only the best components
- **Outstanding flexibility**, as dyes can be combined to obtain the desired shade

| | | | |
|------------|------------|-------------|---------------|
| Article: | Bovine | Origin: | EU |
| Thickness: | 1.1-1.3 mm | Tannage: | Chrome |
| Method: | Direct | % Based on: | Shaved weight |

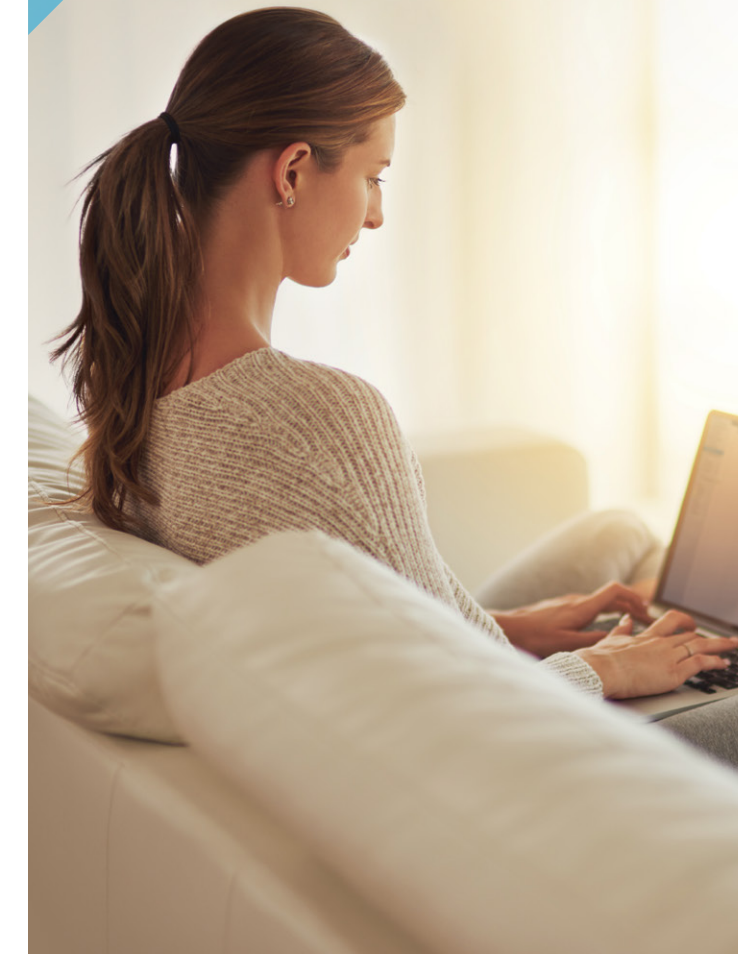
| Process | % | Chemicals | °C | Min | pH |
|----------------|-----|-----------------------|----|-----|-----|
| Washing | 300 | Water | 35 | | |
| | 1 | Tergolix® DA-01 liq | | | |
| | 0.5 | Acetic Acid | | 30 | |
| Drain bath | | | | | |
| Neutralization | 150 | Water | 30 | | |
| | 4 | Tanicor® PCR-IT p | | 60 | |
| | 2 | Tanicor® AS6 liq | | 15 | |
| | 2 | Sodium Formiate | | 60 | |
| | 0.6 | Sodium Bicarbonate | | 60 | 5.0 |
| Drain bath | | | | | |
| | 300 | Water | 30 | | |
| Drain bath | | | | | |
| Retanning | 100 | Water | 25 | | |
| | 3 | Renektan® ZY | | 30 | |
| | 4 | Tergotan® RE-5021 liq | | 10 | |
| | 3 | Tanicor® PW-IT p | | | |
| | 3 | Derma® Soft Dyestuff | | 60 | |
| Fatliquoring | 100 | Water | 55 | | |
| | 4 | Corilene® F-345 | | | |
| | 2 | Derminol® CFS liq | | 60 | |
| | 1 | Formic Acid 85% | | 30 | |
| | 1 | Formic Acid 85% | | 30 | 3.5 |
| Drain bath | | | | | |
| Washing | 200 | Water | 25 | 10 | |
| Drain bath | | | | | |
| Washing | 200 | Water | 25 | 10 | |
| Drain bath | | | | | |

Mechanical processing: Horse up, set out, vacumm, hang dry, condition, stake, toggle flat.

Application proposal without obligation.



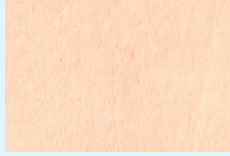
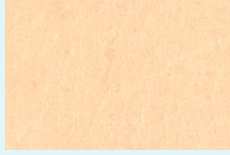


Derma® Soft Dyes

We imagine pastel colored leathers with outstanding levelness and fastness




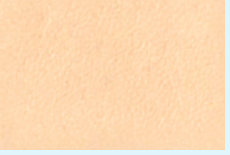


Derma® Soft Dyes
Wet-End Dyes



| Color Fastness & General Properties | COLOR FASTNESS | | | | | | | | GENERAL PROPERTIES | | | | | | |
|-------------------------------------|-----------------------------|--|--------------|------------------------|-------------------------------------|-------------------|-----------------|------------------------|---------------------|-----------------|------------------------------|-----------------------------------|--------------------------|------|---|
| | Fastness to light - IUF 402 | Migration into plasticized PVC - IUF 442 | Wet fastness | Perspiration - IUF 426 | Post treatment with Dermafix® P liq | Washing - IUF 423 | Water - IUF 421 | Dry cleaning - IUF 434 | Penetration ability | Metal component | Stability to acids - IUF 203 | Fastness to formic acid - IUF 202 | Solubility g/l - IUF 201 | | |
| | | | | | | | | | | | | | 20°C | 60°C | |
| Derma® Soft Brown Y | 3 | 5 | Co | 4 | 5 | 4-5/5 | 4-5 | 5 | 5 | Co, Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4 | 5 | 4-5/5 | 4-5/5 | 5 | | | | | | | |
| | | | N | 4 | 5 | 3-4 | 4 | 5 | | | | | | | |
| Derma® Soft Orange | 3 | 5 | Co | 4-5 | 5 | 4-5/5 | 4-5 | 4-5/5 | 5 | Co, Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4-5 | 5 | 5 | 4 | 5 | | | | | | | |
| | | | N | 4-5 | 5 | 4 | 5 | 4-5 | | | | | | | |
| Derma® Soft Brown R | 3 | 5 | Co | 4 | 5 | 4 | 4-5/5 | 4 | 5 | Co, Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4-5 | 5 | 4-5 | 4-5/5 | 4-5 | | | | | | | |
| | | | N | 5 | 5 | 4-5 | 5 | 4-5 | | | | | | | |
| Derma® Soft Brown G | 3-4 | 5 | Co | 4 | 5 | 4 | 5 | 4-5 | 5 | Co, Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4-5 | 5 | 4 | 4-5 | 4-5 | | | | | | | |
| | | | N | 5 | 5 | 4-5 | 5 | 4 | | | | | | | |
| Derma® Soft Red | 1-2 | 5 | Co | 4-5 | 5 | 5 | 5 | 4-5 | 5 | - | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4 | 5 | 5 | 4-5/5 | 5 | | | | | | | |
| | | | N | 4-5 | 5 | 4 | 4-5 | 4 | | | | | | | |
| Derma® Soft Scarlet | 3 | 5 | Co | 3-4 | 5 | 5 | 4 | 5 | 5 | Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 3-4 | 5 | 5 | 4 | 5 | | | | | | | |
| | | | N | 4-5 | 5 | 4 | 4-5 | 5 | | | | | | | |



| Color Fastness & General Properties | COLOR FASTNESS | | | | | | | | GENERAL PROPERTIES | | | | | | |
|-------------------------------------|-----------------------------|--|--------------|------------------------|-------------------------------------|-------------------|-----------------|------------------------|---------------------|-----------------|------------------------------|-----------------------------------|--------------------------|------|---|
| | Fastness to light - IUF 402 | Migration into plasticized PVC - IUF 442 | Wet fastness | Perspiration - IUF 426 | Post treatment with Dermafix® P liq | Washing - IUF 423 | Water - IUF 421 | Dry cleaning - IUF 434 | Penetration ability | Metal component | Stability to acids - IUF 203 | Fastness to formic acid - IUF 202 | Solubility g/l - IUF 201 | | |
| | | | | | | | | | | | | | 20°C | 60°C | |
| Derma® Soft Grey | 3 | 5 | Co | 5 | 5 | 4-5 | 5 | 5 | 5 | Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4-5/5 | 5 | 5 | 5 | 5 | | | | | | | |
| | | | N | 5 | 5 | 5 | 5 | 4-5 | | | | | | | |
| Derma® Soft Yellow Brown | 3-4 | 5 | Co | 4-5 | 5 | 5 | 5 | 4 | 5 | Co | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4-5 | 5 | 5 | 5 | 4-5 | | | | | | | |
| | | | N | 5 | 5 | 5 | 5 | 4-5 | | | | | | | |
| Derma® Soft Red Brown | 3-4 | 5 | Co | 3-4 | 5 | 4-5 | 4 | 4-5 | 5 | Co, Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4 | 5 | 5 | 4 | 5 | | | | | | | |
| | | | N | 5 | 5 | 4 | 5 | 4-5 | | | | | | | |
| Derma® Soft Beige | 3-4 | 5 | Co | 4 | 5 | 4-5 | 5 | 5 | 5 | Co, Cr | 5 | 5 | 100 | 100 |  |
| | | | Wo | 4 | 5 | 5 | 5 | 5 | | | | | | | |
| | | | N | 5 | 5 | 4 | 5 | 4-5 | | | | | | | |

All fastness datas referred to full shade dyeings on chrome leather

Wet fastness:
 Co = staining on cotton
 Wo = staining on wool
 N = change of color of the dyed leather

Metal component:
 Co = cobalt
 Cr = chrome