

Material: South Germany heavy bovine, white crust 1.4-1.6 mm

Process: Wetting back (percentages on dried weight)

2% **PROSPREAD** + 2% **PRODEGREAZE** (*eliminated surfactants and ammonia*)

Dyeing: (starting at pH 4)

2% **PRODEGREAZE** (*eliminated dye auxiliary, dispersing agent and ammonia*)

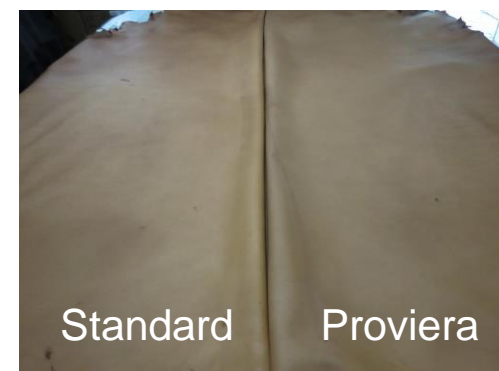
Results: No foam with Proviaera.

- Visual assessment in crust: water absorption was good/fast.
- Excellent dye dispersion and penetration.
- Superior evenness.
- Color shade was stronger when using Proviaera products on anionic leather.

Conclusion: Excellent performance on wet-end operations. Elimination of ammonia (oxidation agent which could lead to looseness). Potential dye reduction.



Dye Penetration



Color Shade