

ECOLOGICAL PROCESSING OF COW LEATHER WITH NATURAL PRODUCTS FOR BOUTIQUE ITEMS

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The aim of the current work is additional ecological processing of naturally tanned cow leather for boutique products - belts. The tasks set are as follows: natural dyeing of vegetable-tanned cow leather; lubricating the collagen fibers with a natural product of animal and plant origin; improving the antibacterial properties; hydrophobic protection of the leather; finishing of a leather product.

The technological stages in the production of boutique handcraft belts and the use of natural products for the finishing processes are presented. The production of the belts from design, cutting, sewing, gluing, stamping, is entirely handcraft.

The material selected is vegetable-tanned cow leather. A method of additional tanning is applied, i.e. re-tanning with natural tanning agents containing tannins (natural oak bark, African tea, walnut leaves). The result is a stronger leather, naturally dyed in light pastel tones.

Natural biodegradable components (i.e. linseed oil, beeswax) are used to fix the dye to the leather substrate and for hydrophobic protection. Hoof oil is used to lubricate the collagen fibers and to impart softness, elasticity and hydrophobicity. Herbal extracts are used to impart antibacterial properties as an alternative to synthetic chemistry (i.e. clove, oregano, rosemary, mint, thyme, lavender). The products made are ecological, handcraft and boutique.



Keywords: *natural leather, boutique belts, processing, environmental approaches*