ORGANİK KİMYA

Sustainable Leather Products

Contributing to the sustainability of our environment, our society and our economy is one of our most important responsibilities in today's changing world. We need to produce together, work hard for the future and realize the footprints we leave behind.

We believe that we can lead a better life together and aim to create a positive impact with our future proof product portfolio. Sustainable Leather Products represents a new generation water-based polymers with sustainable content.



Waste Water

Waste Water Approach aims to **minimize the COD value** in waste water, enabling more efficient and environmentally responsible manufacturing.

Biobased Products

Biobased products refer to products wholly or partly derived from **sustainable renewable sources**, such as plants, trees and other biomass materials.

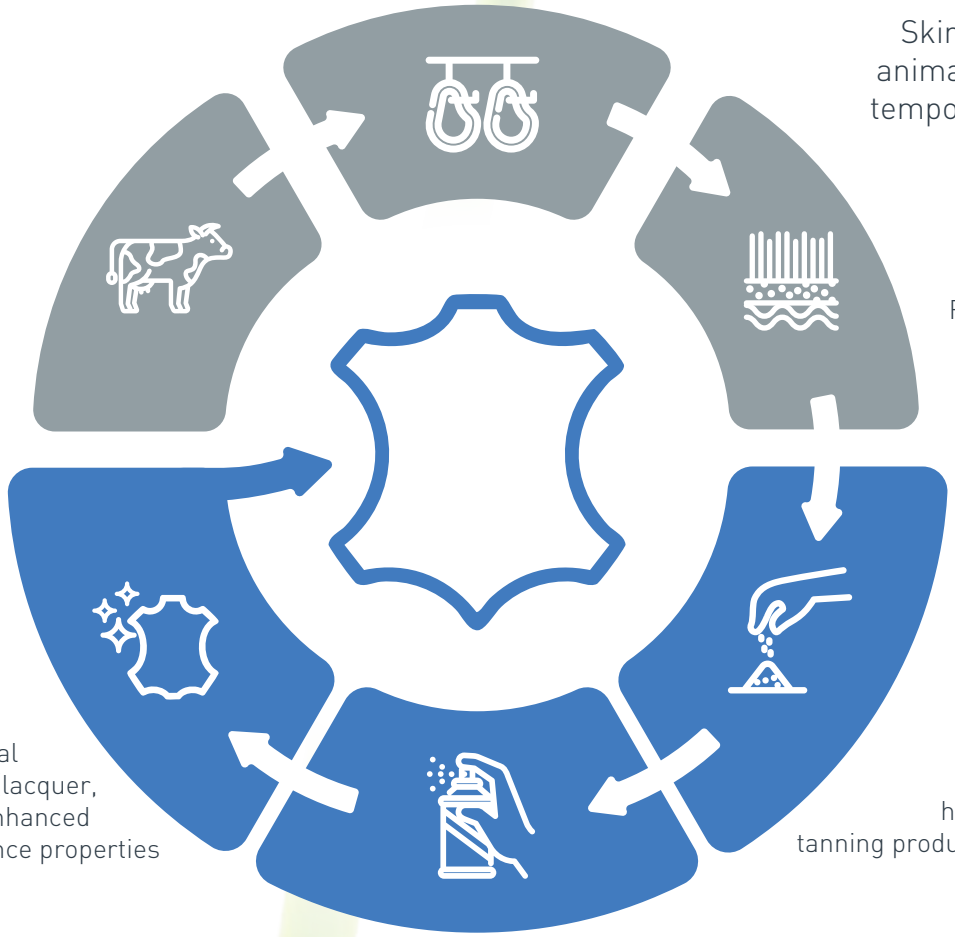
Leather Process

Raw Hide

Skin is removed from animal andmay recieve temporary preservation

Cleaning of Hide

Removal of unwanted components (during, hair natural fats, etc)



Tanning

Preservation of the hide by treatment with tanning products eg Chorium salts

ORGATAN SF 22

Retanning and Colouration

The hide is treated with dyes, softening and filling agents to produce leather with the desired final article properties (upholstery, footwear, leather goods, etc)

ORGATAN SF 22
ORGATAN RW B48

Finishing

Most leathers have a final application of a coating (lacquer, wax, etc) which offers enhanced aesthetic and performance properties

ORGAL® D 1035
ORGAL® RW B2100
ORGAL® RW B8100

	Chemical Composition	Solid Content	Sustainable Content	Content Type	Carbon Footprint Saved per kg (compared to std OK product)	pH	Viscosity	T_g (°C)	Applications
ORGATAN SF 22	AC	21,5%	n/a	Surfactant Free	n/a	4.8 – 5.2	400	n/a	Leather Retanning
ORGATAN RW B48	AC	31%	%50**	Biobased	n/a	5.5 – 6.5	450 - 700	n/a	Leather Retanning
ORGAL® D 1035	AC	35%	n/a	Metal Free	n/a	7.5 – 8.5	100	-10°C	Leather Embossing
ORGAL® RW B8100	AC	35%	%34*	Biobased	n/a	7.5 – 8.5	100	-10°C	Leather Embossing
ORGAL® RW B2100	AC	35%	%34*	Biobased	n/a	7.4 – 7.7	100	-11°C	Leather Embossing

(*): Approx. theoretical calculation on the percentage of renewable carbon from bio-based monomers on total organic carbon.

(**): Approx. theoretical calculation on the percentage of bio-based monomers.