

LEDER
CHIMICA
Chemistry between You and Leather



LBF
WET WHITE
SYSTEM



LBF Wet White System

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LEDER CHIMICA

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LEDER CHIMICA

An Italian family owned company established in 1986 with the main focus of providing high quality products for the Leather business. Our passion and work ethic have shown throughout the past 35 years, a constant growth in sales in parallel with an expansion of our portfolio, maintaining customer satisfaction the top priority.

OUR PHILOSOPHY

Leder Chimica's strength is based on the flexibility towards the customer, always improving quality and service. Part of the team is a group of young, skilled and motivated individuals aiming to keep up with the latest trends as well as online/ onsite Technical consulting, innovative products, and accuracy on meeting deadlines and project milestones.

Our continuous improvement and our expertise combined together with the latest R&D technologies and Quality Control Systems, allows to research every kind of chemicals without a third-party involvement, delivering faster than most of our competitors.

Substantial investments of innovative production technologies and logistics systems, allows to fulfill urgent customer demands in a time as little as a few hours, following HSE regulations.

(ISO 9001:2015 certified)

Leder Chimica's main market share is located abroad: China, South Korea, Pakistan, Poland, Portugal, South America and India. Our portfolio and range of products is quite extended, allowing to be present in the major industries that require Leather as the premium product such as shoe upper, garments, automotive, upholstery and leather goods.

"Chemistry between you and leather "

This is Leder Chimica





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WET
WHITE

LBF SYSTEM

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LBF WET WHITE SYSTEM

LBF wet white system is a cutting-edge biodegradable process boasting a low environmental impact in terms of low chloride and bisphenols value, it's completely free from aldehydes, metals and vegetable tanning of any type, specifically designed for the new ecological needs required by the market.

It ensures a completely white leather that can be easily shaved. Thanks to its outstanding affinity to collagen, the COD rate at the end of tanning is very low; moreover, it features excellent thermal stability with a stable tanning over time. LBF SYSTEM with an application quantity ranging from 10 to 15% depending on the substrate is suitable for both bovine leather and goatskins. It provides a fine, firm and full grain leather, boasting an exceptional affinity to the dye: as a matter of fact, the dyed leathers, ranging from soft shades up to the most vibrant colours, are extremely uniform. Its reactivity in the retanning phase is also very good, thus ensuring very low levels of COD in the waste water. The strength of this system its versatility: starting from a white tanning free of aldehydes and metals, the leather, once tanned, can be used to make metal free products, as well can be modified with vegetable tannin in the retanning phase or with the addition of chromium or other metals, as required.

This process also guarantees excellent heat resistance, thus allowing leather to be processed with release paper or bycast systems.

Bisphenol F (CAS 620-92-8)	9,95	1	mg/kg
Bisphenol A (CAS 80-05-7)	<LQ	1	mg/kg
Bisphenol B (CAS 77-40-7)	<LQ	1	mg/kg
Bisphenol AF (CAS 1478-61-1)	<LQ	1	mg/kg

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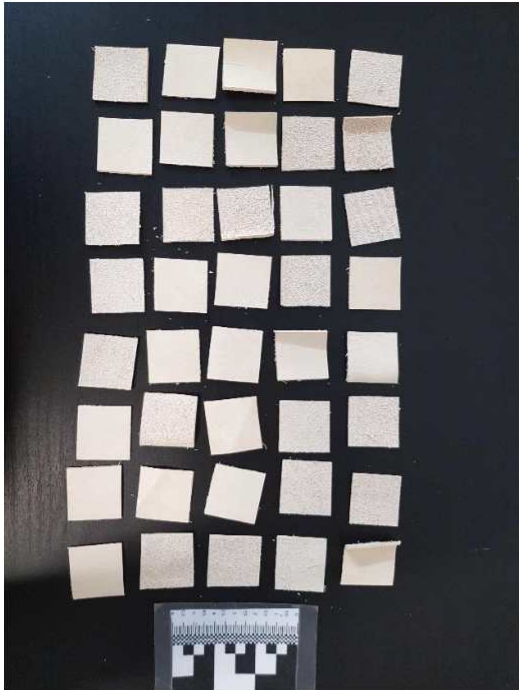
LBF OUTCOME

As demonstrate in the pictures, with our LBF system the outcome is consistent: a hide versatile for any type of end use.

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∞ Figure 1: Leather before starting the termophilic stage.



Figure 2: Leather pieces in the compost - Day 4



Figure 3: Leather disintegration - Day 14



Figura 3: Leather sample at the end of 20 days.



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LBF BIODEGRADABILITY

As can be seen from the figures, the tests have shown that the leathers treated with our LBF have a high degree of biodegradability.

The sample examined was not visible after 20 days in industrial-scale compost. From the observations, the test sample was following a breakdown trend of samples which have previously been tested in an ISO 20200 test.

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