ITALIAN LEATHER









STAZIONE SPERIMENTALE RESEARCH INSTITUTE | STAZIONE SPENIMENTALE PER L'INDUSTRIA DELLE PELLI



ITALIAN LEATHER RESEARCH INSTITUTE

Italian Leather Research Institute is a Research Centre of the Chambers of Commerce of Naples, Pisa and Vicenza, established in Naples for Royal Decree in 1885.

MISSION

Italian Leather Research Institute's mission is to develop and promote process and product innovation in tanning industry services in order to improve international competitive capability for quality production, technological development and environmental sustainability for the benefit of the entire supply chain and the main targets: Furniture, Automotive, Footwear, Interiors, Fashion, Leather Goods.



INSTITUTIONAL ACTIVITIES

- Research and Development activities
- Certification of products and processes
- Analysis and controls
- Technical scientific documentation with a specialized library
- Training
- Technical Standardization

BUSINESS SERVICES

Italian Leather Research Institute provides services with high technical-scientific expertise for the resolutions of the needs of the branch's supply chain companies, with the support of researchers and technologists who inform and guide companies. To meet the needs of both *stakeholders* and market, services are organized in a structured way:

- Consultation
- Training on demand
- Custom innovation
- Scientific Documentation support

LABORATORIES

- Laboratory of chemical, instrumental and environmental analysis carries out chemical tests on leather, tanning materials, waste and tanning waste and to support research and consultancy in the field of chemistry and tanning technology and of the environmental impact of tanning production.
- Laboratory of physical-mechanical testing determines physical-mechanical and fastness characteristics of each type of leather as well as the stress response during practical use and works to support product and research in the field of product innovation.
- Laboratory of microscopy permits detection of the characteristics and defects or anomalies of the leather that can compromise its use in manufactured articles and carries out analyzes for the recognition of animal species and for the protection of the "leather" definition.
- Laboratory of measurement measures leather's surfaces in every working condition, in line with the provisions of the international contract, according to which Italian Leather Research Institute is the only Italian institute internationally qualified to control the measurement of the leather's surface in a dispute.

RESEARCH AND INNOVATION

At the Italian Leather Research Institute, research activities are focused on the main environmental issues and on the study of the aspects that characterize national tanning production, especially the identification of new certification criteria for "Italian" products and new applications for leather:

- Metal-free, for the environmental sustainability of the tanning process and therefore of the final product
- Sustainability and Environment, for the optimization
 of the environmental impact of Italian tanneries with the
 identification of specific interventions in the industrial
 districts
- Materials and Product, on identifying of innovation tools and technological solutions for the valorization of leather goods and the identification of new different uses
- Enhancement of Made in Italy, for the international qualification of the Italian tanning production.

POLITECNICO DEL CUOIO

Politecnico del Cuoio (Polytechnic of Leather) is a national program aiming at offering a training proposal oriented to a high level of specialization, coordinated and structured at national / inter-district level and able to be competitive in the international scene, for training and development professional skills in order to contribute to the competitiveness of the tanning industry and the branchs of destination.



STAZIONE SPERIMENTALE PER L'INDUSTRIA DELLE PELLI E DELLE MATERIE CONCIANTI











Italian Leather Research Institute sets out specific strategies for research, innovation and technological development in the tanning sector based on the integration between industry and innovation, to support companies in industrial districts, through the RalDto4.0 Program - Research and Innovation Driving for Leather and Fashion Industry, within the framework of opportunities offered by the Industry 4.0 Programme, oriented both to improving the quality of products and production processes and to the development of an integrated assets-services supply chain that could pave the way to new markets and to the growth of new hi-tech companies.



Research Centre of the Chambers of Commerce of Naples, Pisa and Vicenza

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