



COMPANY PRESENTATION



We choose to go to the Moon
in this decade and do other things,
not because they are easy
but because they are hard.
J.F. Kennedy (September 12, 1962)

We create specialised chemicals
not because they are easy,
but because they are difficult.
Giorgio Costenaro
President TAKA-WPR



A SINGLE PARTNER INTEGRATED COMPETENCIES

TAKA-WPR combines materials, technologies and expertise within an integrated system, designed to support the customer at every stage of the process: from adhesive selection to the equipment configuration, from technical training to the continuous improvement of product performance and quality.

Bonds that last, just like the trust that we build

**TAKA-WPR WAS FOUNDED
ON AN ENTREPRENEURIAL VISION
THAT PLACES QUALITY, RELIABILITY
AND THE ABILITY TO INNOVATE AT ITS CORE**

We have always striven to build strong relationships with our clients, offering integrated solutions that combine materials, technologies and specialist expertise. Our aim is to grow alongside the market, bringing the Group's excellence to new sectors and supporting every project from the initial idea through to its completion.

GIACOMO COSTENARO
CEO TAKA-WPR

GIOVANNI COSTENARO
BOARD MEMBER
TAKA-WPR

GIORGIO COSTENARO
PRESIDENT TAKA-WPR

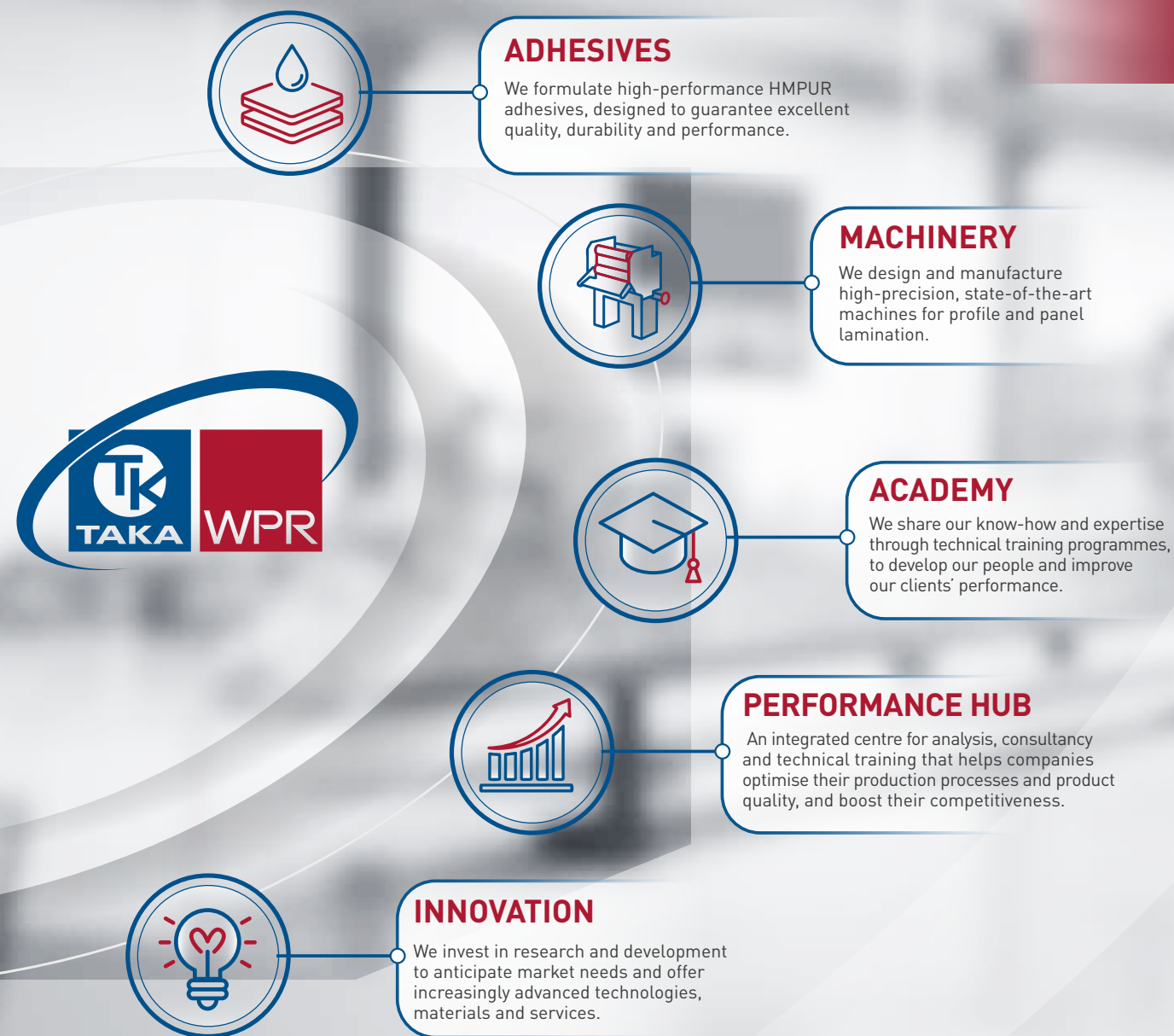
**MERCEDES
MENEGOTTO**
GROUP HR DIRECTOR



AN INTEGRATED SYSTEM, DELIVERING VALUE FOR OUR CUSTOMERS

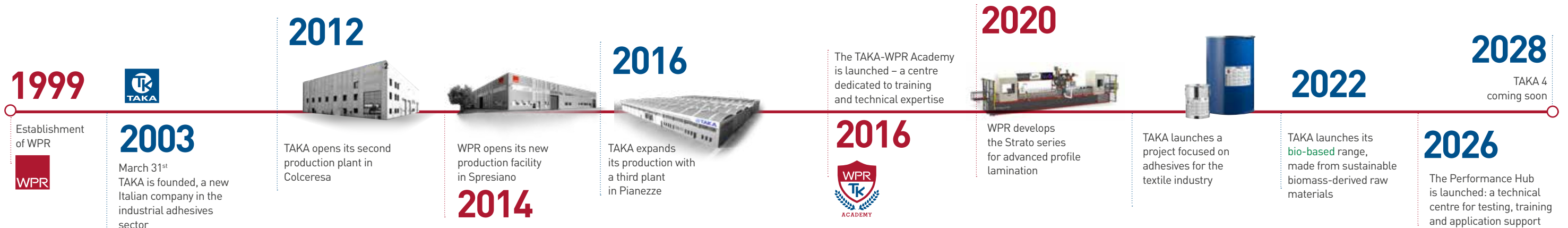
One partner,
endless possibilities

TAKA-WPR combines expertise, technology and services within an integrated ecosystem that spans everything from adhesive formulation to machinery, and from testing to training.



A SHARED JOURNEY

TAKA-WPR was formed through the integration of two Italian companies: TAKA, which specialises in advanced chemical solutions, and WPR, a leader in wrapping technologies for profiles and panels. Together, they are developing an integrated industrial model that combines innovation, efficiency and sustainability, creating value throughout the entire production chain and offering customers comprehensive solutions to the challenges of today and tomorrow.



GLOBAL PRESENCE

TAKA and WPR have consolidated their international presence through a worldwide sales and distribution network. Thanks to the quality and reliability of their solutions, the companies operate in over 25 countries, serving various industrial sectors and meeting the needs of their customers and an ever-changing market.

Our global sales network

ITALY

WESTERN EUROPE

Spain, Portugal, Belgium, the Netherlands, Germany, Austria, Switzerland, UK, Ireland.

CENTRAL AND EASTERN EUROPE

Poland, Lithuania, Czech Republic, Slovakia, Bulgaria, Romania, Ukraine, Uzbekistan, Moldova

THE BALKANS

Slovenia, Croatia, Serbia, Bosnia, Albania, Kosovo, Montenegro, North Macedonia

MEDITERRANEAN

Greece, Turkey

ASIA

India, South Korea

NORTH AMERICA

USA, Canada

SOUTH AMERICA

Brazil, Chile, Argentina, Colombia

LATEST-GENERATION INDUSTRIAL ADHESIVES



TAKA manufactures high-quality industrial hot-melt polyurethane adhesives (HMPUR)



TAKA 1	TAKA 2	TAKA 3	PERFORMANCE HUB
PRODUCTION OF ADHESIVES AND RAW MATERIALS	POLYESTER PRODUCTION	PRODUCTION OF ADHESIVES, PRIMERS AND CLEANERS. LOGISTICS AND OFFICES	INTEGRATED CENTRE FOR ANALYSIS, TRAINING AND TECHNICAL SUPPORT

The three modern production facilities in north-eastern Italy ensure high production capacity, on-time deliveries and the highest quality, thanks in part to the integrated production of raw materials.

TAKA is an Italian company with over 20 years' experience in the field of industrial adhesives for exterior and interior products, as well as many other applications, but its roots in the chemical industry date back to the 1950s. Today, TAKA develops exclusively the latest generation of reactive polyurethane-based hot-melt industrial adhesives. The range is complemented by a line of cleaners, primers and polyesters.

TAKA has been **ISO 9001-certified** since 2010, ensuring that its business processes are focused on quality and continuous improvement.

TAKA is currently working on the development of an **Integrated Management System**, with the aim of managing aspects relating to quality, the 231 Model, the environment, gender equality, privacy, sustainability, customs compliance, health and safety at work, and ADR regulations in a uniform and systematic manner.

OUR ADVANTAGES

- CONSISTENTLY HIGH QUALITY GUARANTEED THANKS TO IN-HOUSE PRODUCTION OF RAW MATERIALS
- A RANGE OF BIO-BASED AND LOW-EMISSION PRODUCTS
- CUSTOMER-FOCUSED DEVELOPMENT AND TESTING THANKS TO OUR IN-HOUSE APPLICATION LABORATORY
- ISO 9001 CERTIFICATION

WRAPPING MACHINES



With over 25 years' experience, **WPR** is an Italian company specialising in the design and manufacture of **machines for the lamination of profiles and panels**.

Thanks to a constant focus on innovation, WPR develops technologically advanced and highly flexible solutions, designed to adapt to the specific needs of each customer. Our production lines enable the simultaneous foil lamination of both sides of the profile, ensuring high quality standards and maximum production efficiency.

At WPR, market requirements form the starting point for every project. We develop **bespoke solutions** to optimise production processes, improve performance and create real added value.

Our machines ensure excellent lamination results on a wide range of materials, including **PVC, aluminium, MDF, timber and chipboard**. High productivity, combined with maximum application versatility, enables us to respond effectively to the most diverse production requirements.

WPR has developed **MyHub**, a new digital platform that brings together all the information and services relating to installed machines in a single, intuitive and fast environment. It includes technical documentation, manuals, maintenance management, spare parts and 3D visualisation.

WPR specialises in the design and manufacture of machinery for the lamination of panels and profiles.



PRODUCT RANGE

A comprehensive range of solutions for bonding, surface preparation and cleaning in industrial processes.

HMPUR (Hot-Melt Polyurethane Reactive) technology enables bonding that is not merely physical but involves an irreversible chemical reaction, thereby ensuring long-lasting results. The use of polyurethanes in adhesives replaces traditional technologies, such as solvent-based or formaldehyde-based systems, offering advantages in terms of environmental sustainability and operator safety.



POLYESTERS

polyester production
at our manufacturing sites



PUR HOT-MELT ADHESIVES

for various industrial
applications



PRIMER

for PVC and aluminium
profiles and panels



INDUSTRIAL CLEANERS

for cleaning
industrial machinery





HMPUR TECHNOLOGY FOR EVERY APPLICATION CHALLENGE

APPLICATIONS



HMPUR Exterior adhesives are mainly used to laminate PVC and aluminium substrates with special decorative foils that will be exposed to outdoor conditions, in the window and door industry.



The edgebands are bonded to the panels using hot-melt adhesives to create an almost invisible glue line.



HMPUR adhesives for the interior sector are ideal for the lamination of wood and wood-based materials, including MDF, chipboard and more.



TAKA's textile adhesives are designed for the lamination of technical fabrics used in sportswear and workwear. Thanks to the use of HMPUR adhesives, the fabrics achieve wash resistance even at high temperatures, as well as breathability and water repellency.



The new 810 range, also known as bio-based PUR, has been developed to meet the needs of the furniture industry, which is increasingly calling for **adhesives made from renewable raw materials** for edge banding and the finishing of wood-based panels and derivatives.

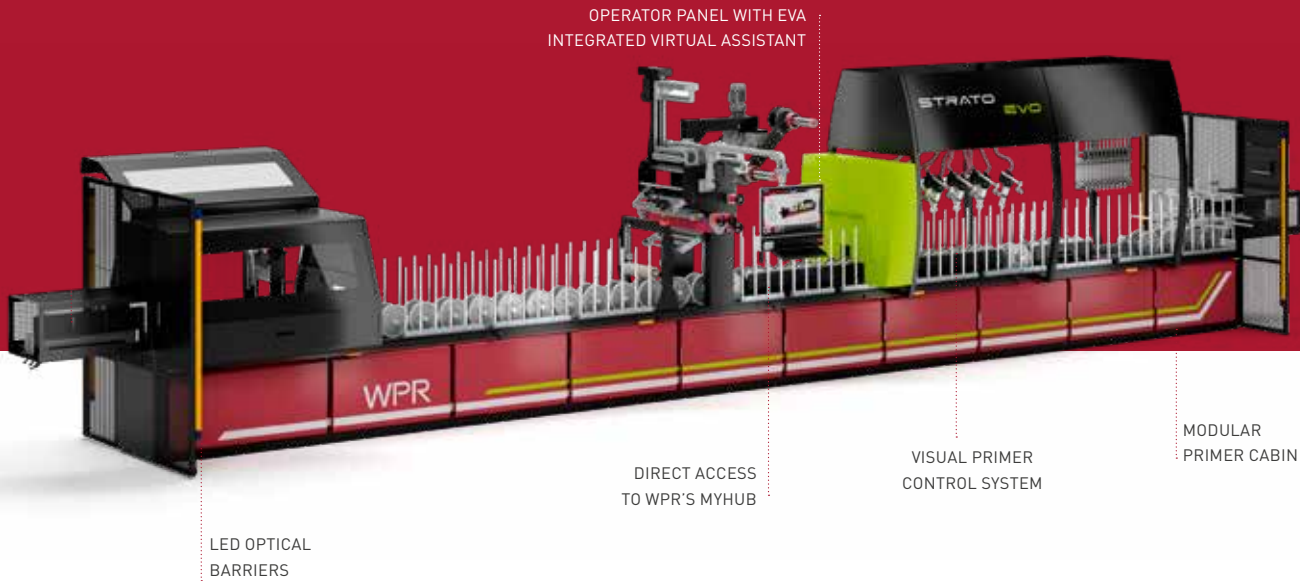
The aim is to extend this new technology to all other ranges of adhesives produced by TAKA, for both interior and exterior applications, with a view to establishing a **sustainable growth strategy** on a global scale.



RANGE OF MACHINERY



A wide range of solutions for the foil lamination of profiles and panels



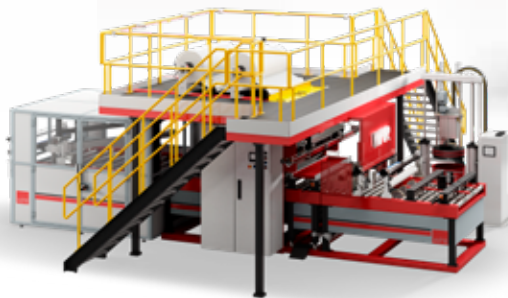
PROFILE WRAPPING MACHINES

- PVC AND ALUMINIUM
- WOOD AND WOOD-BASED MATERIALS
- INTEGRATED INTO THE EXTRUSION PROCESS



PANEL LAMINATION MACHINES

- PVC AND ALUMINIUM
- WOOD AND WOOD-BASED MATERIALS



FOIL SLITTING MACHINES FOR FOIL ROLLS

- AUTOMATIC
- MANUAL



HOT MELTERS FOR HMPUR ADHESIVES

- BULK MELTERS
- TANK MELTERS



ACCESSORIES AND UPGRADES

- UPGRADE KIT (SLOT NOZZLE AND BRACKET, FOIL UNWINDER, MELTER)
- AUTOMATIC PRIMER DOSING SYSTEM



MYHUB PLATFORM

- 24/7 SPARE PARTS ORDERS
- INTERACTIVE 3D VIEWER
- REAL-TIME AR SUPPORT
- GUIDED MAINTENANCE PROCEDURES
- LIST OF ESSENTIAL SPARE PARTS



SUSTAINABILITY THAT CREATES VALUE



The integration of TAKA’s expertise in chemistry with WPR’s advanced technologies gives rise to an industrial model focused on innovation, efficiency and sustainable growth.

Our ESG commitment guides the development of solutions, processes and relationships that generate value for customers, employees, the local community and the environment.

ENVIRONMENTAL SUSTAINABILITY

Promoting sustainable growth and minimising our environmental footprint in terms of CO₂ emissions, optimising the use of energy and natural resources, and promoting the development of innovative products with a reduced environmental impact.

SOCIAL SUSTAINABILITY

Ensuring the protection of fundamental human rights, the health and wellbeing of employees in the workplace, and diversity, whilst promoting the personal and professional growth of our workforce and the development of local communities.

ETHICS IN CORPORATE GOVERNANCE

To apply the principles of environmental and social sustainability, integrity, fairness, transparency and legality in corporate governance, in establishing relationships with stakeholders throughout the supply chain, and in the management of personal data and confidential information.



ENVIRONMENT

- Development of bio-based formulations and renewable raw materials
- Monitoring and reduction of emissions (carbon footprint management)
- Machinery retrofitting and upgrade services
- LCA (life cycle assessment)



PEOPLE

- Initiatives to promote staff wellbeing
- Partnerships with schools, training organisations and local communities
- Training on health and safety, inclusion and cyber security
- Continuing professional development



GOVERNANCE

- Monitoring and reporting on ESG performance (joint ESG report)
- Research and development for sustainable solutions
- Protection of information and corporate know-how
- Adherence to the code of ethics

PERFORMANCE HUB

The new centre of excellence for quality, training and support in the world of lamination.



In an increasingly competitive market, the Performance Hub has been set up to offer practical tools to ensure production continuity, controlled quality, up-to-date staff and a reduction in hidden costs. It is aimed not only at TAKA and WPR customers, but also at external companies wishing to measure and improve the quality of their products or optimise their production processes.

The **laboratory** carries out advanced analyses and tests on laminated products, with the aim of assessing their quality and identifying any potential issues. This is complemented by a specialised **technical support service**, dedicated to diagnostics and the monitoring of production performance.

This service is rounded off by the **Academy**, designed to provide ongoing technical training for operators, maintenance staff and production managers, transforming knowledge, control and application support into a real competitive advantage



TESTING & QUALITY ANALYSIS

Thorough assessment of foiled products to identify:

- Hidden defects
- Production issues
- Non-conformities
- Conditions that may lead to future rejects



TECHNICAL CONSULTANCY

Specialist support on:

- Optimisation of machine parameters
- Analysis of the most suitable materials and adhesives
- Improvement of the production process
- Prevention of faults and unforeseen incidents



ACADEMY TRAINING

Courses and masterclasses designed for:

- Operators
- Production managers
- Maintenance technicians

TAKA-WPR ACADEMY



RESEARCH, EDUCATION AND TRAINING



Our expertise at the service of our customers

TAKA-WPR Academy is an exclusive training organisation operating worldwide to transfer technical know-how and optimise production systems.

A custom offer may include:

- production audits
- operator training
- advanced workshops

Since 2024, the TAKA-WPR Academy has been certified to the international standards **UNI ISO 29993** and **UNI ISO 29994**.

TRAINING



CONSULTANCY



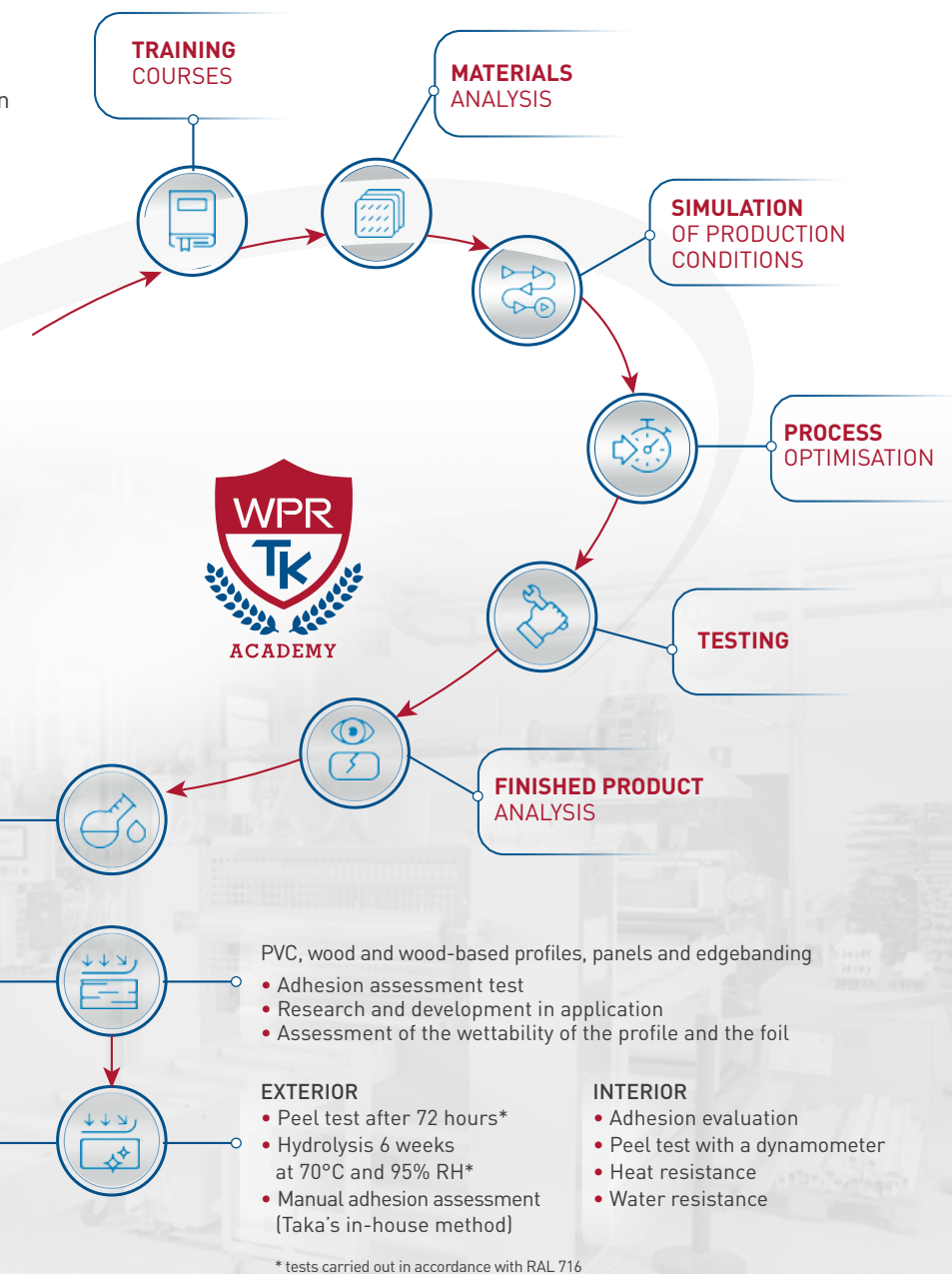
RESEARCH



THE TAKA-WPR ACADEMY WAS ESTABLISHED WITH THE AIM OF PROMOTING AND SHARING EXPERTISE IN LAMINATION PROCESSES THROUGH TAILOR-MADE TRAINING PROGRAMMES, DESIGNED TO PROVIDE HANDS-ON EXPERIENCE BOTH IN THE CLASSROOM AND DIRECTLY ON THE PRODUCTION FLOOR.

The quality control laboratory

is equipped with **profile wrapping machines, roller coaters**, panel lamination machines and **edge-banding systems**.





www.taka-adhesives.it

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