



# 2024

P L A S T I C S

# At Renner Italia we create solutions to design and protect surfaces.

Our coatings are technologically and aesthetically advanced. The care with which we serve those who use our coatings is our hallmark.

In the wood industry, in just two decades, Renner name has become synonymous with reliability, speed, tailor-made.

In a word: efficiency.

**Efficiency is also the basis of our work in the industrial sector.**



# Renner Group around the world

Renner Italia is the beating heart of Renner Global Alliance network, a worldwide network capable of responding to every market demand. Ten nations host the production and distribution facilities of Renner Global Alliance.

**67**  
Countries served

**390**  
Employees 2024

**RENNER ITALIA**  
MINERBIO | BOLOGNA | ITALY

**RENNER UK**  
CORBY | UK

**RENNER FRANCE**  
MORIGNY-CHAMPIGNY | ÎLE-DE-FRANCE | FRANCE

**RENNER MAGYARORSZÁG**  
BUDAPEST | HUNGARY

**RENNER SPAGNA**  
PATERNA | VALENCIA | SPAIN

**RENNER USA CORPORATION**  
CHARLOTTE | NORTH CAROLINA | U.S.A.

**RENNER SAYERLACK**  
CAJAMAR | SÃO PAULO | BRAZIL

**RENNER SAYERLACK CHILE**  
SANTIAGO | CHILE

**RENNER POLSKA**  
WARSAW | POLAND

**RENNER INDIA**  
THANE | MAHARASHTRA | INDIA





# Renner brand

Designed in 1958 in Brazil, the fearless white thoroughbred of Renner logo crossed the ocean in 2004 and became the symbol of Renner Italia.

It was designed by the artist and advertiser Nelson Boeira Faedrich (Porto Alegre, 1912 - 1994). Renner Herrmann Group entrusted Faedrich with the creation of a brand that enclosed the fundamental traits of the coatings industry.

The values of freedom, efficiency and courage, first and foremost. Speed, an accessory character to Renner values, was after all already inherent in the company name itself. In fact, Renner in German means 'racer'. It is from these premises that the horse with the rebellious mane in the wind was designed, capable of galloping in the opposite direction to the western readings, precisely to emphasise its stubbornly countercultural personality.

Since 2007, the white steed has appeared in a light blue rectangle with rounded corners. Light blue to signify loyalty, creativity and preciousness. White to emphasise honesty, loyalty and purity.





# The history of Renner Italia

## *The roots*

Though Renner is just twenty years old, its story takes place in Italy during the years after the Second World War, in an atmosphere of hope. In the southern hills of Bologna there is a company that produces wood coatings. The founder is Giancarlo Cocchi, an enlightened entrepreneur who understands the golden moment of wood industry. Mid 80s, Cocchi sells his company to an English group, asking to keep one of his employees at the head of the business. The name of the new company manager is Lindo Aldrovandi, the son of a policemen former partisan and a housewife. Between 1987 and 2003, Aldrovandi reinforces an already successful industrial experience. The brand is synonymous with hi-tech coatings. Research is innovative. Activities are hectic. There is no lack of work. Sales increase from 36 billion of old Italian liras to 100 million euros. And then, the property passes from English to American owners.

In July 2003 a new period begins. New American owners do not agree with Aldrovandi's choices.

They are sure to be better than him. They argue and then Aldrovandi is fired. It is a difficult moment, full of tension and disappointment, but Aldrovandi does not give up.

# The history of Renner Italia

## *The rebirth*

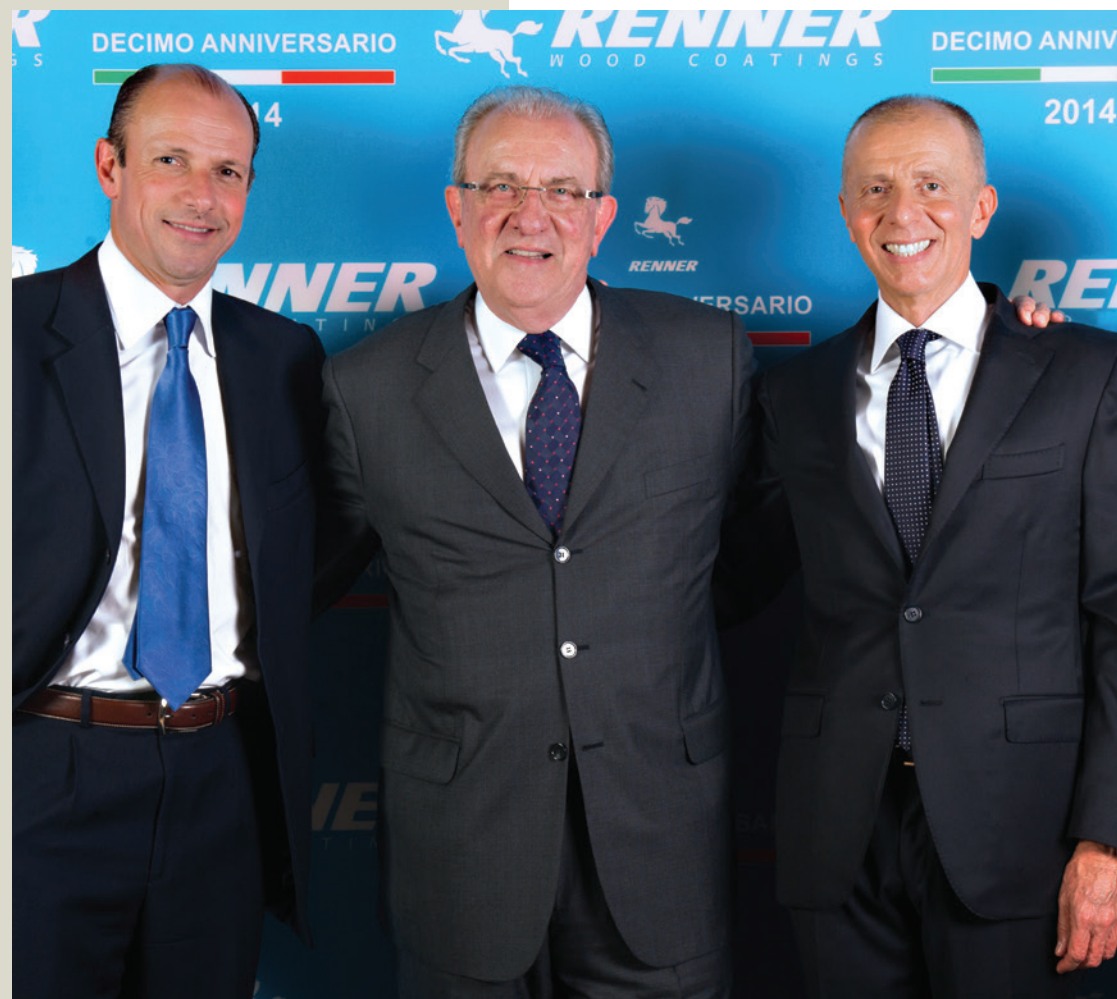
In August 2003, Aldrovandi meets some old friends. On one side Giancarlo Cocchi's heirs, founder of Aldrovandi's former company, and on the other Cenacchi's family, the owners of the Brazilian company Renner Sayerlack, leader in the field of wood coatings in South America.

Aldrovandi wants to start again, to build a new business, to produce coatings again. Actually, he wants to produce the best wood coatings. To reach this aim he needs somebody who believes in him.

Renner Italia sees the light and Lindo Aldrovandi is obviously at the helm of the new company.

The Italian-Brazilian ownership will invest a total of 80 million euros to support the development of the new company. Already in autumn 2003, some of Aldrovandi's old collaborators decided to resign and follow him in his new project. In Minerbio, in January 2004, the first Renner Italia plant is inaugurated. Only five months passed after Aldrovandi's layoff. Since 2004, 70 employees of the old company have followed Aldrovandi.

Meanwhile, Renner Italia becomes one of the leaders in the field of coatings, becoming an international chemical excellence and gaining from 2021 the first place in revenues among Italian wood coatings manufacturers.



Marcelo Cenacchi, Alexandre Cenacchi and Lindo Aldrovandi



# History of Renner Italia

## *The timeline*

There is a whole idea of the world inside a can of Renner Italia coatings.  
An idea deeply rooted in our history.

**2004** Renner Italia's foundation

**2006** Ever Summer project  
SB plant

**2007** Rio Verde, coatings  
for the private users

**2009** World Wide project  
15% profit distribution to employees

**2010** Establishment  
of Renner Spagna

**2011** Establishment of  
Renner France Company to watch

**2012** Odyssey and Arctic projects  
Company to watch  
Energy saving in payroll

**2013** Firewall, fire-retardant coatings  
Premio Impresa Ambiente

**2014** Company to watch  
New raw materials warehouse

**2015** New logistics plant  
Establishment of Renner Polska  
Solid, coatings for wood floorings

**2016** Blue Shield Protection project  
Rennerplast, coatings for PVC  
Formaldehyde free

**2017** Company to Watch  
Establishment of Renner India  
Establishment of Renner UK

**2018** Pure Bio Coatings  
First edition of Premio per il Contemporaneo Renner Italia

**2019** Flex Project, the coatings for the space research with  
ESA and CNR

**2020** New WB  
packaging plant

**2022** Plasti:co  
range

**2023** Metalli:co  
range

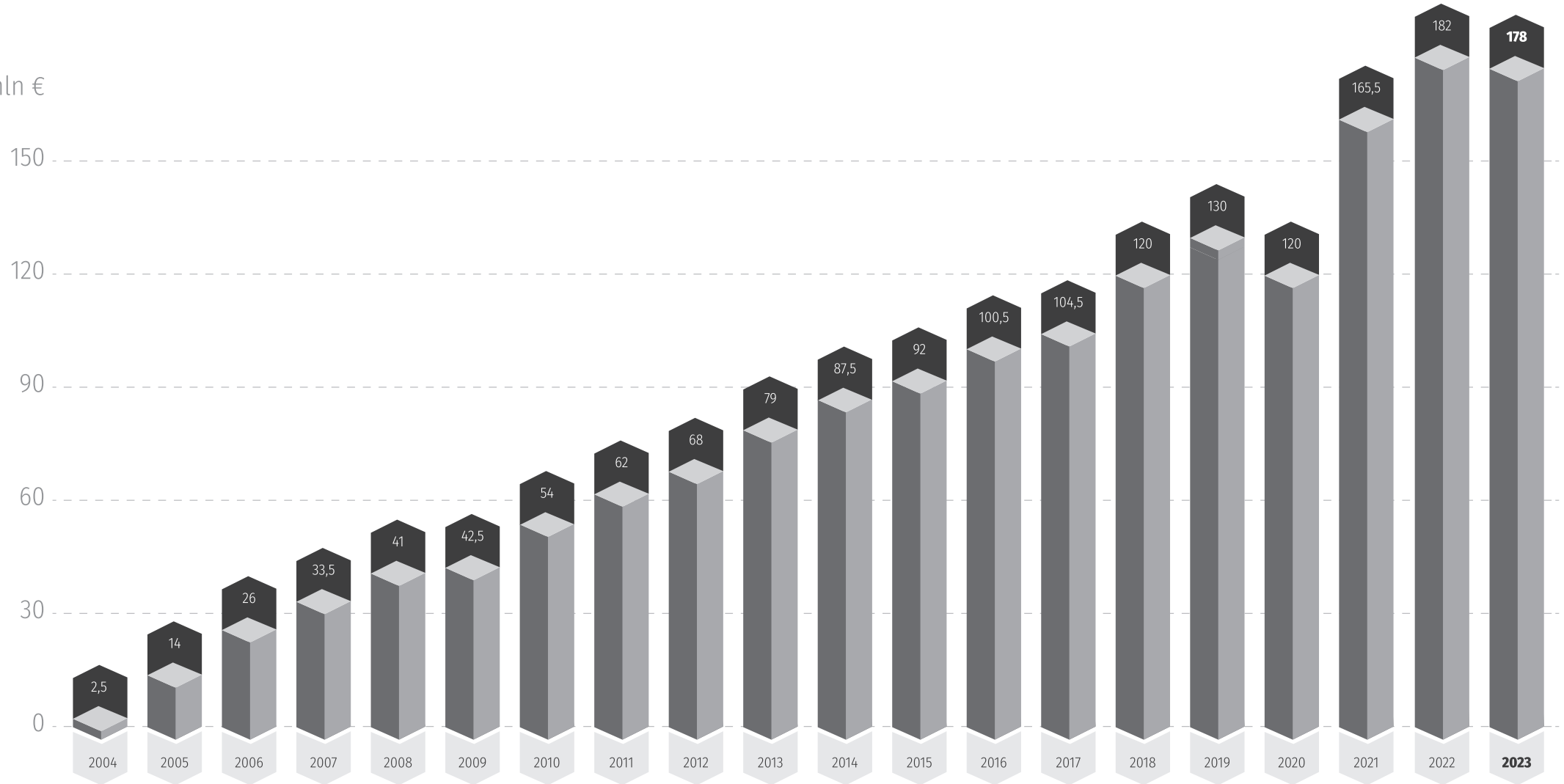
**2024** Short week established  
for workers



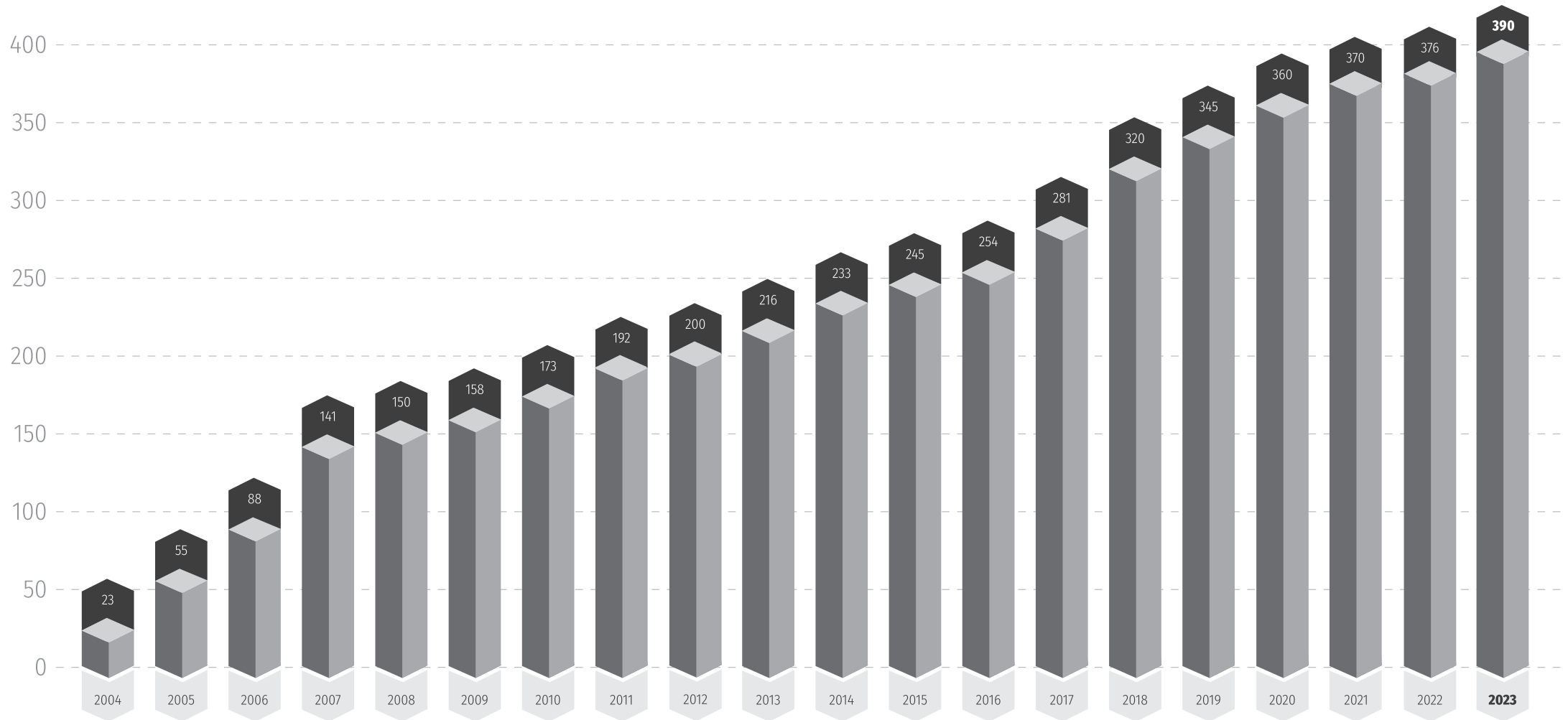


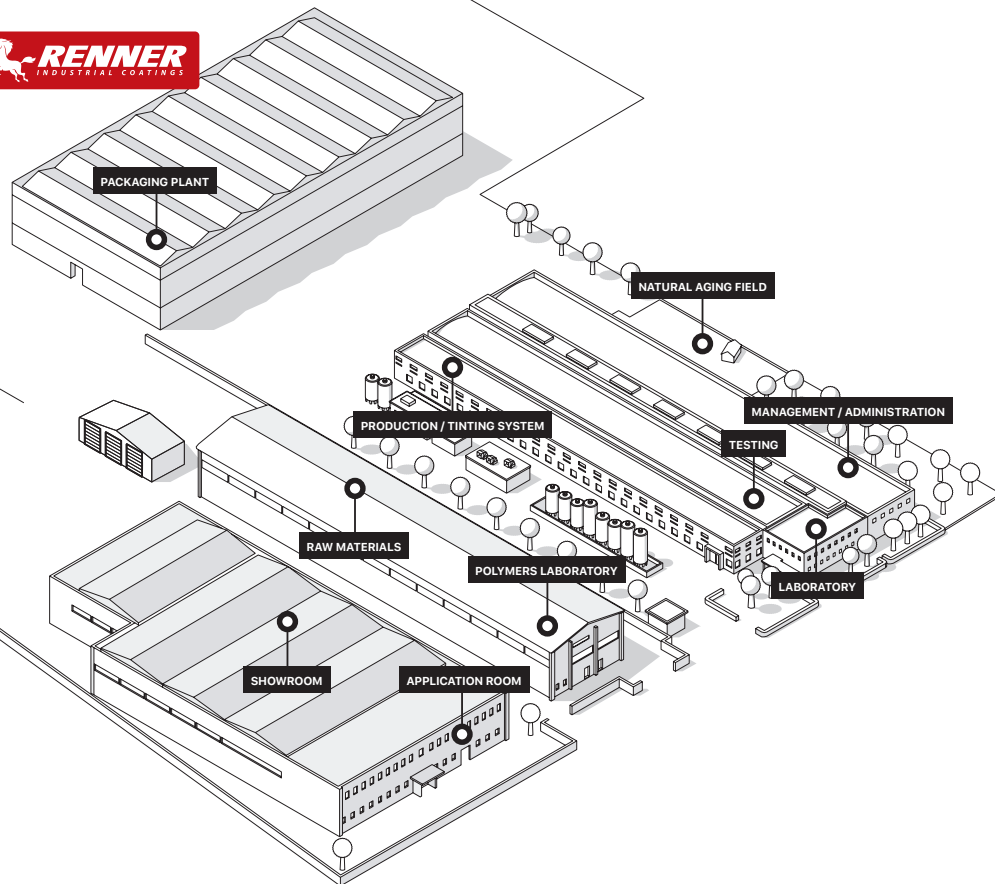
# Renner Italia's turnover *History*

mln €



# Renner Italia's employees *History*



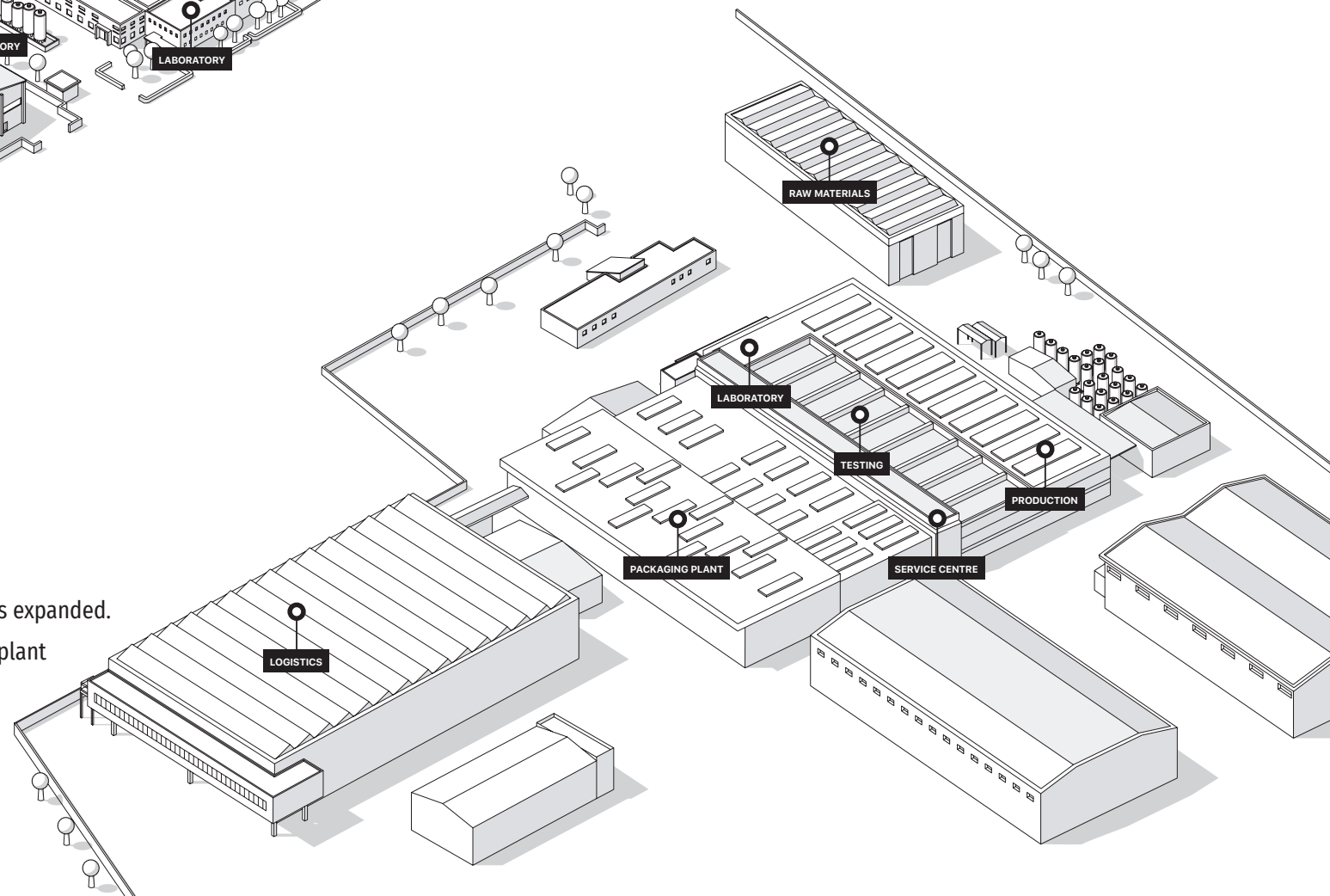


# SB SITE

Built up in just six months, from June to December 2006, this site is near to the modern logistics structure. The warehouse, inaugurated in 2015, can store 5.000.000 kg of coatings and accomodate 10.000 pallets places.

# WB SITE

Renner Italia started here in 2004. Over time, the site dedicated to water-based coatings has expanded. The latest investment concerned a 5.000 sqm packaging plant located inside a 46.000 sqm area.





98.000 sqm  
Production plant

178 mln €

Turnover 2023







**PLASTI:CO**  
design coating solutions

## Renner Industrial Coatings range

*PLASTI:CO coatings of Renner Industrial Coatings are design solutions for plastic materials.*

The technological evolution of plastic materials fulfills the productive needs of many manufacturers through efficiency and convenience. Thanks to the capacity of resistance to mechanical, thermal, chemical, tribological and corrosive stress, engineering plastics replace metal in various fields.

Engineering plastics have evident limits: surfaces have margins of aesthetic improvement.

That's why PLASTI:CO solutions become essential.

Both for indoor and outdoor plastics, Plasti:co topcoats improve the resistances to agents of atmospheric, chemical and mechanical degradation and offer a wide range of added values.

# The coatings for the metal replacement

**THE TECHNOLOGICAL EVOLUTION OF PLASTIC MATERIALS FULFILLS THE PRODUCTIVE NEEDS OF MANY MANUFACTURERS THROUGH EFFICIENCY AND CONVENIENCE.**

From automotive to medical, from aerospace to electronic field, the industry is increasingly demanding lighter and more performing components in terms of resistance, flexibility and hardness. Thanks to the capacity of resistance to mechanical, thermal, chemical, tribological and corrosive stress, engineering plastics replace metal in various fields.

A plastic object can weigh up to five times less than the same metal object. By means of injection moulding a unique plastic product can complete the functions previously reached with the help of more components.

Therefore, metal replacement is a phenomenon destined to strengthen. The use of these materials and a targeted coating process combine excellent aesthetics and mechanical results.

In the future the chemistry of these materials will be more eco-friendly. Plasti:co range of Renner Industrial Coatings is able to combine these developments with a series of metallic coatings with high technological and biological content. Hi-tech products aiming at environmental sustainability.





# Advantages of Plasti:co coatings

The aesthetic and tactile aspect of Plasti:co enhances the technological know-how of the plastic material, including and especially the new generation.

Materials such as PPA polyphthalamide or PARA polyarylamide stand out for



contraction and improvement of production time



reduction of costs of raw material, manufacturing and logistics



improvement of performances and weight saving

However, it is a matter of engineering plastics with evident limits: surfaces have margins of aesthetic improvement.

That's why Plasti:co range of Renner Industrial coatings become essential. These coatings are available in shades customized according to the specific need of designer, without gloss limits, in the most famous international colour charts (RAL, NCS, etc.).

Both for indoor and outdoor plastics, Plasti:co topcoats improve the resistances to agents of atmospheric, chemical and mechanical degradation and offer a wide range of added values.



# Main aesthetic effects

Every color

Every gloss level

Metallic

Pearlescent

Fluorescent

Iridescente/shimmering

Chromium

Mirror

Buffered

String effect

Craquelet

Sponge

Texturized

# Tactile effects

Soft-touch

Silk-effect

Texturized

# Chemical-mechanical performances

Anti-scratch effect

Self-extinguishing/fire-retardant

Resistance to temperature changes

Resistance to cold liquids

Anti-gluing effect

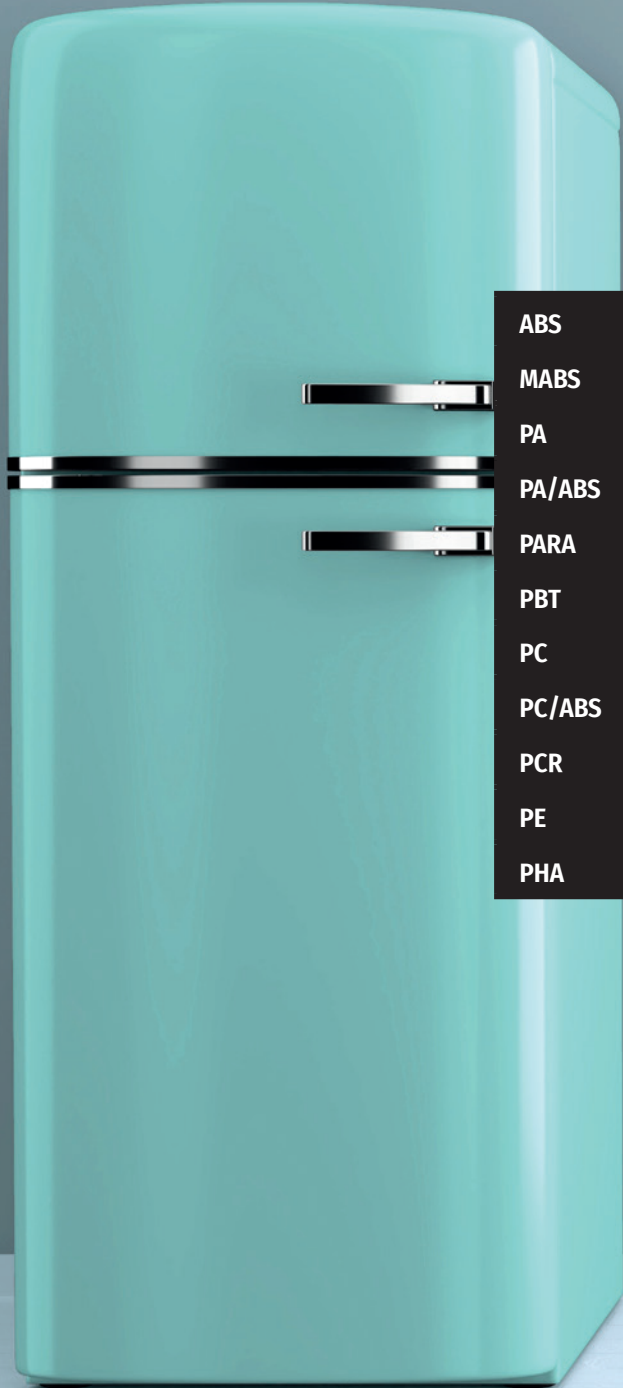
Sanitizing/antibacterial action

Conductivity

Sound-proof

Electric insulation





# Surfaces for Plasti:co coatings

PLASTI:CO solutions have lots of fields of application. As a matter of fact, the macro sector of plastic objects is divided in numerous segments, testifying how this material is commonly used.

## PLASTIC MATERIALS

<b>ABS</b>	Acrylonitrile butadiene styrene
<b>MABS</b>	Methyl methacrylate acrylonitrile butadiene styrene
<b>PA</b>	Polyamide (Nylon)
<b>PA/ABS</b>	Polyamide/Acrylonitrile butadiene styrene
<b>PARA</b>	Polyarylamide
<b>PBT</b>	Polybutylene terephthalate
<b>PC</b>	Polycarbonate
<b>PC/ABS</b>	Polycarbonate/Acrylonitrile butadiene styrene
<b>PCR</b>	Post-consumer recycled content
<b>PE</b>	Polyethylene
<b>PHA</b>	Polyhydroxyalkanoate

<b>PHB</b>	Polyhydroxybutyrate
<b>PLA</b>	Polylactic acid
<b>PMMA</b>	Poly(methyl methacrylate)
<b>POM</b>	Polyoxymethylene
<b>PP</b>	Polypropylene
<b>PPA</b>	Polyphthalamide
<b>PPE</b>	Poly(p-phenylene oxide)
<b>PS</b>	Polystyrene
<b>SAN</b>	Styrene acrylonitrile resin
<b>TPE</b>	Thermoplastic elastomer
<b>TPU</b>	Thermoplastic polyurethane



# Fields of application



## Cosmetics

Packaging

## PCR plastic

Low-impact packaging

## Home appliances

Frames

Faceplates

Handles and pommles

Plinths

## Indoor furniture

Furniture and accessories

Inserts for furniture

Doors

## Garden furniture

Garden houses and gazebos

Garden furniture elements

Toys

Floor lamps and signage

## Lighting engineering

Lamps

Switch plates

Supports

## Industrial vehicles

Components of vans, buses, trucks and machinery

## Sport accessories

Skis and snowboards

Helmets and patches

Glasses

Dive masks and ski goggles

Jackets and boots inserts

## Motorcycles

Top box

Fairing

Dashboard

Nose fairing

Mirrors

Mudguard

Passenger handles

Heat insulator and tank

Other components

## Watercrafts

Furniture and accessories

Inserts for furniture

Doors

Components

## Accessories and small parts

Packagings

Buckles

Buttons

Hangers and coat racks

## Cars

Steering wheel

Glove box

Armrests and headrests

Airbag cover

Steering column cover

Columns

Patches

Switches

Air diffuser and defroster

Handles

Roof racks and mirrors

Bumpers

Radiator grille

Tire covers

Door seals

Door handles

Door mouldings

Windows patch

Hard top

Central pillar

Seals

Various patches

Side band

Plate support

Spoiler



# Coatings for cosmetic packaging

In the world of cosmetics, differentiating visual design is a necessary step to give packaging recognizability and memorability.

With Identity range of Plasti:co, we have identified the best products in aesthetics and durability on every plastic component of make-up and skin care: bottles and vials, containers and jars, pens and sticks, droppers, foamers, roll-ons, caps...

Identity provides also:

high solids [low emissions]

sustainability [water-based bio coatings]

mechanical performances [impact and scratch resistance]

chemical performances [resistance to perfumes and creams]

Identity coatings have passed the main resistance tests required by the cosmetic packaging industry and are suitable for every application system and all surfaces in the industry: PC, PCR, PE, PE SOFT TOUCH, PET, PETG, PP, PCTA.







# The tinting system has no limits

*Coating means color*

Color is the physical interface of design thinking. With thousands of color solutions and special effects (textures), Color System tinting system of Renner Wood Coatings is the ideal landing place for those who want to define, renew and consolidate the identity soul of their manufacturing.

## Accuracy, speed and replicability

Created to enhance, protect and make surfaces last over time, Renner Wood Coatings range is designed to satisfy all the needs of designers and applicators.

Color System tinting systems precisely replicate every shade of the color wheel in high-quality pigmented finishes. Color System tinting systems, for water- and solvent-based coatings, ensure precision, speed and ease of use; maintain high quality standards; and reduce human intervention.



## The tinting laboratory

The know-how of our chemists-colorists is the foundation of Color System tinting systems. Pigmented pastes with high hiding power and compatibility along with neutral bases for tinting are formulated with high-quality raw materials. Through materials analysis, target definition and use of advanced formulation software, our colorists offer customized solutions in the desired shade.

## Renner service centers

Renner service centers are widely distributed in 67 countries. Everywhere it is possible to precisely replicate any shade in the desired gloss. This is possible thanks to our converters suitable for coloring with the latest generation of universal pastes. Renner service centers are fully instrumented and well known for efficiency, flexibility and speed.

# The advantages

Thanks to tinting systems supplied in our service centres, you can

- reproduce every finish accurately and standardized, in every packaging and every opacity
- get products cleanly and quickly
- ensure coatings with in-house production characteristics of Renner Italia
- comply with legal requirements

# Pastes and converters

**Color System tinting system** reproduces finishes by the (automatic and controlled) addition of pigmented pastes into suitably formulated base vehicles. Such vehicles are commonly recognized as converters.

**Renner Italia pigmented pastes** are produced following precise guidelines

- Completeness of the entire color spectrum
- Color stability and durability to the most severe light exposures
- Compatibility (they are intermixable even in complex formulations, where they maintain excellent rub-out test behavior)
- Universality of use that never compromises the final result
- Ideal rheology and concentrations for use in an automated dosing system

**Renner Italia converters**

- are formulated for the achievement of perfect miscibility and full compatibility with pastes
- cover the spectrum of all coating systems and final applications
- allow service centers, after mixing with pastes, to obtain finishes that have identical quality and performance of a product made at Renner Italia headquarters



## How the spectrophotometer works

Color System spectrophotometer breaks down the electromagnetic waves coming from an object subjected to a standardized illuminant (included in the instrument itself) and, using the interpolation program, compares them with the relative values of Renner Italia pastes and converters already recorded in the database.

At that point the spectrophotometer synthesizes the best mixture of pastes and gives as output the formula based on the combination of Renner Italia converters and pastes, allowing the service center to immediately make the read color.

The level of accuracy of the spectrophotometer is very high.

Once the color is made, the service center stores the formula in the database dedicated to the user so it can be reproduced at any time.



# Efficiency at your service

## TECHNICAL ASSISTANCE

*Speed and expertise*

Renner Industrial Coatings also stands for the best in after-sales service. Our logistics centers are valued for their efficiency and reliability, with real-time responses that can constantly support your production.

# Our technicians always by your side



They listen carefully to your company's needs and production capabilities



They identify and propose solutions best suited to your goal



They follow the application process and verify that the results meet Renner's high standards and your expectations



They work as a link with the laboratory to formulate customized products



# Training for specialists

A DEDICATED PROGRAM

## Renner Academy

*The specific course to learn more about coatings, materials and application techniques. A program dedicated to Renner partner.*

### *Why Renner Academy*

The world of coating is a highly professional and constantly evolving field. Renner Academy was established to provide industry professionals with the skills to get in step with the times.

### *Customized courses in Minerbio*

By attending Renner Academy courses you will have access to Renner Italia application room and laboratories at the industrial site in Minerbio (Bologna). Professional equipment and the most experienced trainers will be at your disposal. The courses will be developed through modules that will enhance above all the practical part, while not forgetting the theoretical knowledge.

### *Courses contents*

The focus will always be on your specific needs, aiming to enhance your energy. No waste of time.

During the courses, the types and properties of coating products and their application techniques will be examined according to your business and goals.

### *To whom Renner Academy is dedicated*

Renner Academy offers its training courses mainly to:

- operators of automatic systems
- professional applicators
- colorists / tintometrists
- quality control employees



# Research

*76 researchers work inside Renner Italia laboratory:*

As a result, one in six employees is a chemist.

Our chemists work along with customers from furniture and door and window industries and aim at formulating coatings that go beyond market expectations. That's why 5 new products are formulated every day. The company boasts a heritage of 6,000 formulas. Many are certified formaldehyde-free and are contained inside packagings that reduce hazardous waste.

All coatings are eco-friendly and do not contain heavy metals. Without missing the guidelines set by color designers, who anticipate current trends.

Every year the company invests about 3% of its turnover in research. Renner works along with institutes such as the Universities of Bologna, Modena and Padua and the CNR.

Finally, the research project initiated with ESA is worth mentioning. In 2026, the European Space Agency will launch Flex into orbit. The satellite, which will monitor the health of vegetation on a global scale, will communicate with a finish produced in Renner Italia's own laboratories.





# Low-emissions coatings

Our chemists have eliminated 95 percent of the solvent emissions of our water-based coatings for the design and durability of wooden surfaces. Our coatings are low in VOC emissions.

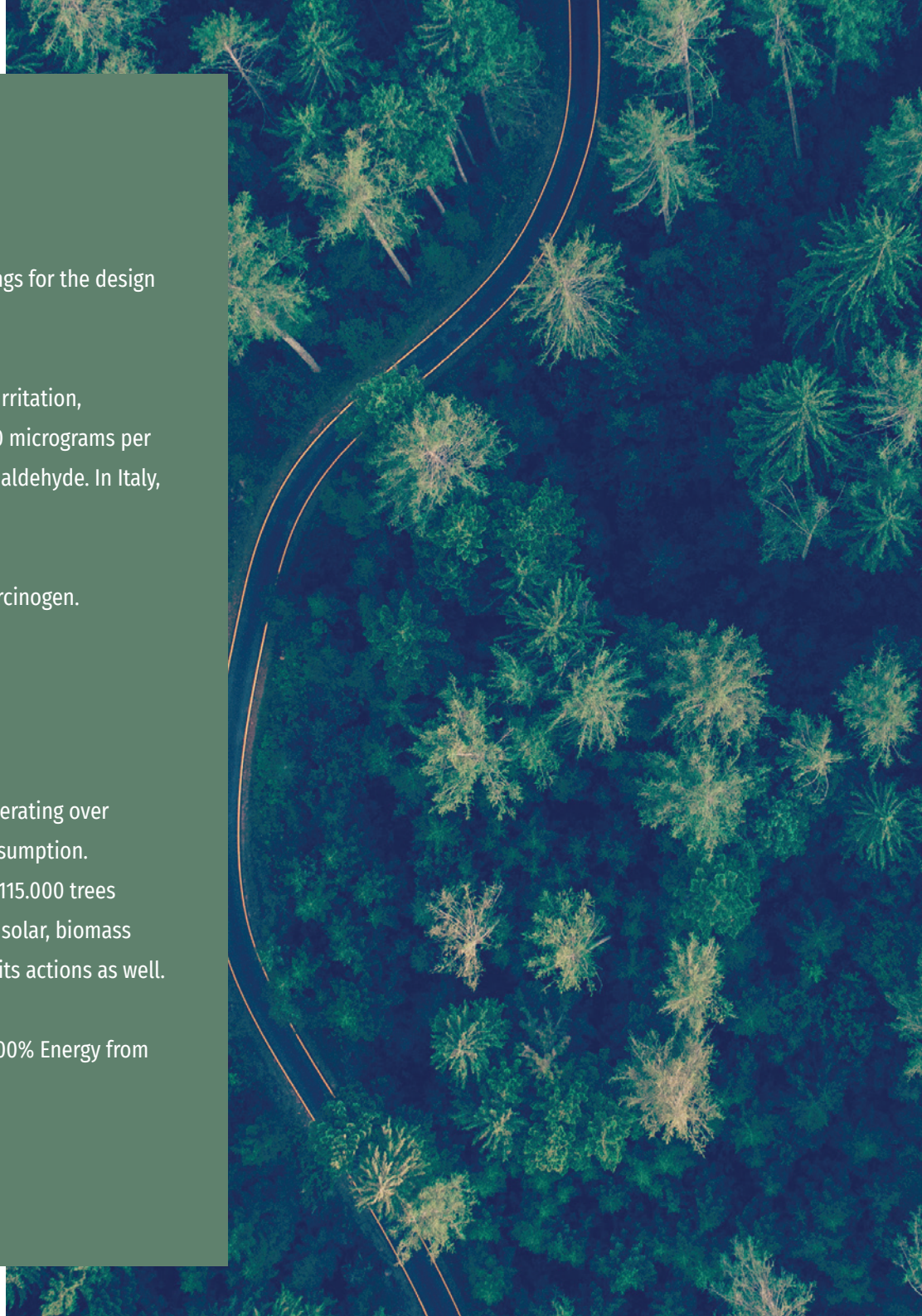
Renner Italia coatings are formaldehyde free. Formaldehyde may cause respiratory and eye irritation, especially in asthmatic or allergic individuals. In 2001, the World Health Organisation set 100 micrograms per metrocube (0,1 parts per million – ppm) as the maximum indoor concentration limit for formaldehyde. In Italy, this was adopted in 2008 as the maximum indoor threshold (Gazzetta Ufficiale No. 288).

In 2004, the International Agency for Research on Cancer (IARC) declared formaldehyde a carcinogen.

## 100% clean production

The photovoltaic field covers an area of 8,000 m<sup>2</sup> on the rooftops of our production site, generating over 2.100.000 kWh of electricity annually. This production satisfies 40-45% of the company's consumption. Thanks to this, we avoid the emission of 2,000 tons of CO<sub>2</sub> per year. It's equivalent to plant 115.000 trees a year. The remaining 55-60% of company consumption is supported by hydroelectric, wind, solar, biomass power. Renner Italia's green goal, in this case, is to reduce the polluting impact upstream of its actions as well.

This is why the company has obtained the G. O. (Guarantees of Origin) and the trademark "100% Energy from Renewable Sources" with which it emphasizes its commitment.





# Plants ready for transition

We are convinced that the market should move decisively toward the choice of water-based coatings. Our formulas offer superior performance in chemical-mechanical resistance, but they are also greener. Renner Italia's modern facilities in Minerbio are designed for complete water-based production. At any time we are ready for complete change.

## System certifications

Renner Italia is committed to maintaining its system for quality, safety and environmental management in accordance with the requirements of UNI EN ISO 9001:2015 and UNI EN ISO 14001:2015, and to gradually implement the requirements of UNI ISO 45001:2018.

The quality, safety and environment policy of Renner Italia is focused on the constant improvement of all business processes.

The aim is to provide efficient and safe performances and services, protecting the interests and corporate identity of the company and its customers. In the most complete respect for the health of workers and the environment.



# 5S model inside our plants

Since 2014 in Renner Italia, coordinated by Toyota Academy, we adopt the 5S model to maintain workplaces established on safety and efficiency. Every day at our industrial site in Minerbio, a 5S-team made up of 8 people works exclusively to maintain order and cleaning.

Our commitment to achieve the highest levels of:



## **SAFETY**

To improve safety level and reduce the risk of injury



## **BEAUTY**

To create a comfortable and happy working environment



## **EFFICIENCY**

The method allows you to be more precise, reduce time and optimize space



## **ECOLOGY**

We save resources and limit waste



## **EXCELLENCE**

The best products are created in an organized factory



**R5S**



# Social responsibility

*Renner Italia adopts organisational productive and communicative models that support employees and reference communities and territories.*

*The company - the vision states - is functional in building systems of eco-sustainability and widespread happiness.*

In the town of Minerbio alone, Renner has invested 364,500 euros in solidarity, sports, culture and care.

Between 2015 and 2017, through the La Buona Vernice project, Renner contributed (with 105,000 euros) to the opening of soup kitchens and craft workshops for disadvantaged youth, supported children's book festivals and supported street-art interventions, encouraged young theater companies, and distributed defibrillators.

Since 2018, Renner has focused on the Premio per il Contemporaneo to support illustrators U40.

A point of reference for many other social responsibility activities, the Minerbio-based company collaborates steadily with cultural production centers and nonprofit associations.



*A moment from the latest edition of Premio Renner per il Contemporaneo*

## The ranges

AQUARIS

SYNTHESIS



 PLASTI:CO  
design coating solutions

 METALLI:CO  
design coating solutions

 ITALIAN:GLASS  
design coating solutions

 SOLID  
VERNICI RENNER ITALIA PER PARQUET

 RENNERPLAST

 FIREWALL  
LE VERNICI IGNIFUGHE DI RENNER ITALIA

 purebiocoatings





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