

Bio range

Plant-based raw materials system



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The sustainable choice

*Pure Bio Coatings range
is Renner Italia engagement
against climate change*

Coatings with no petroleum derivatives and no emissions

Pure Bio Coatings is the green range of Renner Italia

- Coatings with raw materials from renewable sources
- Coatings with raw materials non-issued from hydrocarbons
- Coatings with no emissions of volatile organic compounds

Pure Bio Coatings products provide top features in the fields of protection, resistance, and design. Concerning performances, these products can be compared to Renner standards, but boosted with the most advanced technologies aimed at preserving the environment.

Comparison of coating process in domestic space

Preferring Pure Bio Coatings to products with petroleum derivatives means making the right choice for the environment.

Highest performances. Always

For interior and exterior

- 80% renewable, eco-friendly and plant origin (water + bioresins) raw materials
- No emissions or with very low VOC content
- CO₂ emissions reduction
- No formaldehyde
- No heavy metals
- Waste reuse and introduction into circular economy
- Chemical resistances
- Mechanical resistances
- Waterproofness and hydrophobia
- High covering power
- 40% renewable content over the resin solid content
- Application in all plant lines/typologies
- Ultra-speed drying
- Industrial work and production efficiency

Indoor plus

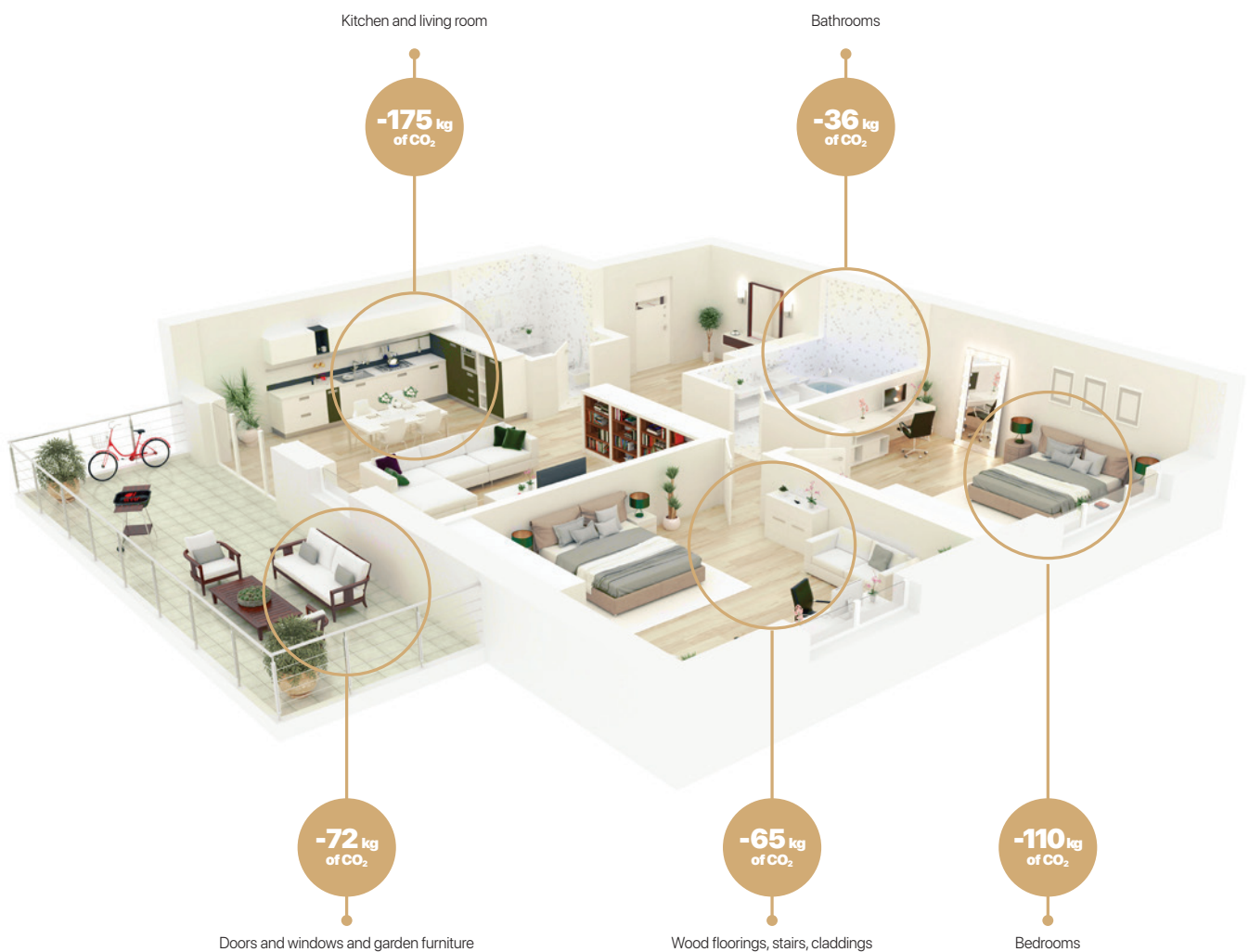
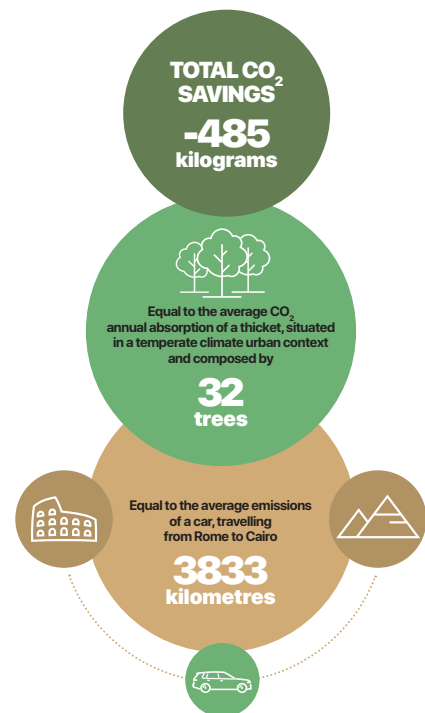
- Smooth touch feeling
- Non-yellowing properties

Outdoor plus

- Resistances to degrading atmospheric agents and to pollution
- Elasticity

CO₂ emissions savings in a house, preferring Pure Bio Coatings to the conventional coating systems

**Here's how your customer helps the planet
by choosing a house
coated with Pure Bio Coatings.**





Our engagement for the environment

*Renner coatings are created
respecting man and nature*



100% clean

We're aware of the role played by industry in the challenge of control of climate changes, that's why we participate in constructing healthy spaces for those who choose wood as the main element of their lives.

Our production processes and our coatings aim at:



Eliminating emissions



Eliminating harmful substances



Increasing indoor air quality



Creating healthier and more liveable spaces



Participating to material and energy conservation policies

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Green energy for our production plants

Renner Italia production plant are fed only by electrical energy from renewable sources (hydroelectric, wind, solar and biomass). That's why the company obtained G.O. (Guarantee of Origin) Certification and stamp "100% Energy from Renewable Sources".

Equal to



130

flights
Las Vegas-San Francisco



520

car travels
around the Earth



115k

trees

Water-based, naturally

Thanks to their very low VOC (volatile organic compound) emissions, water-based coatings are best friends of human health and nature. Our chemists eliminated 95% of solvent fumes and made these products for wood decoration and protection completely non-toxic. Over the years, Renner Italia has obtained important certifications such as that attesting compliance with the 2002 European standard EN 71.3, which proves the exclusion of heavy metals from any product, or the more stringent Italian standards on suitability for contact with food substances and skin irritation in humans. Commonly used basecoats and topcoats comply with GreenGuard Gold, German LMBG B 82-10-1 standard and French A+ standard on indoor emissions. Visit the website Renneritalia.com to find out which ones.

Bio-based sealer for brightening the wood

YL C321



The bio-based sealer with solvent-based look

Pure Bio Coatings contain plant-origin raw materials (non-concerning human food) and no petroleum derivatives. Pure Bio Coatings products provide top features in the fields of protection, resistance, and design. Concerning performances, these products can be compared to Renner standards, but boosted with the most advanced technologies aimed at preserving the environment.

The bio-based sealer for brightening the wood

YL C321 is the sealer of bio-based range of Renner Italia. Extremely transparent, it is suitable for those who look for traditional solvent-based look but want to adhere to the sustainable philosophy of Pure range.



H₂O coatings



Bio coatings



Low VOC emissions



Fast drying



High build



High brightening transparency



Equipment can be cleaned with water

Plant-based primer with high covering power

YL M648/C02



Plant-based protection for every timber

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Anti fiber-swelling white enamel

YL M648/C02 primer is a product of bio-based range of Renner Italia. It is a top quality solution for the protection of MDF and wooden objects, impeding the fiber-swelling. YL M648/C02 provides high covering power and resistance, is versatile and grants great performances over turned woodworks.



H₂O coatings



Bio coatings



Low VOC emissions



Excellent versatility



Great sandability



1k or 2k



Equipment can be cleaned with water



Overcoatable with WB or PU topcoats

Bio-based topcoat for the aesthetics of woodworks

*Available in neutral/clear
and white versions*

YO-XXU851/SBN

YO-XXU851/NTR



Maximum beauty Minimum impact

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The neutral/clear and white topcoat for the beauty of furniture

YO-XXU851/NTR and YO-XXU851/SBN are topcoats is a topcoat of bio-based range of Renner Italia. It is a topcoat solution to enhance the wood, granting high performances related to aesthetics and environmental sustainability. Particularly suitable for furniture with open pore.



H₂O coatings



Bio coatings



Good sanding



Good clarity



Good chemical-physical resistances



Applicable over natural woods or over any water-based stain



Available in different sheens



High quality custom or production finishing



Equipment can be cleaned with water

Bio-based topcoat with natural silky effect

YO G445



The silk touch with a green soul

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The topcoat

YO G445 is the topcoat of bio-based range of Renner Italia. It is an aesthetic solution to make furniture surfaces ultra-resistant to scratches and abrasions. In addition to the exquisite natural beauty of silky effect.



H₂O coatings



Bio coatings



Low VOC emissions



Silk touch



Ultra matt



Good chemical-physical resistances



High quality custom or production finishing



Equipment can be cleaned with water



Pure green bio-base coating



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