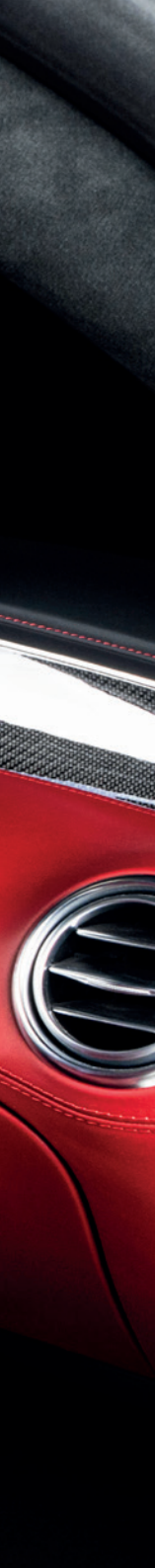




# NUVIA COATINGS

*Sustainable UV solutions for plastic surfaces*





# NUVIA COATINGS

**Sustainability, design  
and excellent UV technology  
for plastics industry**

In the world of industrial plastics, environmental responsibility is an opportunity to create value. The design, cosmetic packaging and engineering plastics sectors are facing a compulsory transition towards reducing emissions and environmental impact, and offering more sustainable manufacturing processes. Plastic coaters play a crucial role in meeting this challenge. They can make a difference by choosing sustainable processes that are technologically advanced and aesthetically pleasing. The Nuvia Coatings range of UV coatings, formulated by Renner Italia laboratories, stands out for combining industrial efficiency, a high-quality finish, and respect for the environment and health.

All Nuvia products are designed to enhance even the most complex surfaces, such as cosmetic packaging with precious metal effects. They generate value throughout the entire supply chain, benefiting producers, applicators and choosers alike.



# We serve the environment

## UV coatings with 100% solid content

The 100% solid content coatings from Nuvia range are the ideal solution for plastic surfaces requiring hiding power, thickness and a high-definition finish. Designed specifically for the cosmetics packaging and automotive industries, these UV formulations also perform exceptionally well on critical substrates.

### Why choose them

- Reduced volatile organic compounds (VOCs) emissions
- A healthier working environment and compliance with regulations
- No need of post combusters, which otherwise result in high costs for each solvent-coated part
- Chemical and mechanical resistances that consolidate the durability of the object





## UV coatings

### Water-based

Water-based UV products of Nuvia Coatings range represent the perfect balance of aesthetic performance, environmental sustainability and ease of use. They are ideal for those seeking environmentally friendly solutions with high manufacturing performance. They are excellent on all types of plastic.

#### Benefits in brief

- 95-97% VOC reduction
- Reducing health risks to operators
- Elimination of the post-combusters requirement, even when volumes are high
- This type of product is available in a dual-cure formulation, allowing for application even on parts with complex geometries

## UV coatings

### Bio-based

When technology meets green chemistry, a virtuous cycle is created. The Nuvia range of UV bio-based coatings reduces the use of fossil raw materials and promotes a new production culture within the industry.

The bio content of each product varies. Refer to the data sheet of the individual coating to calculate your contribution to environmental sustainability by choosing this range.

#### Why choose them

- Reducing dependence on fossil raw materials
- Lower environmental impact while maintaining high performance standards
- Contribution to the eco-friendly transition of the entire production sector
- Flexibility and adhesion over fragile or complex substrates
- Traceability and reliability guaranteed by industrial production made in Italy

## UV coatings

### For LED lamps

Nuvia coatings are specifically designed for LED lamps and represent the future of UV curing. Not only do they eliminate mercury, thereby reducing environmental impact, they also lower energy consumption.

#### Why choose LED

- Use of 100% solid content coatings
- Mercury-free: more sustainable technology
- Up to 60% energy savings compared to mercury lamps
- Longer lamp life, less maintenance, lower costs



# NUVIA COATINGS

**The sustainable solution  
for industrial plastics**

Within Renner Italia's complete Plasti:co range, Nuvia Coatings offers UV coatings that embrace change. These sustainable, high-performance solutions enhance every plastic surface, offering the certainty that comes with chemistry formulated to innovate manufacturing processes while respecting the environment.







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