



# A natural home to create more sustainable paints

Decorative Decovery® portfolio



Decovery®

# Together, we can make the world a brighter place!

Check out our newest  
Decorative Decovery® movie [→](#)



## Leading the way in high-performance bio-based decorative solutions



Sustainability and safety are on top of the agenda for today's consumers, and particularly when it comes to the products used in their homes. In this shifting landscape, there's a growing demand for more safer, low-impact decorative paints and coatings without compromising on performance. These more sustainable alternatives are no longer just a "nice to have" – they are the future of the decorative market. In fact, according to a recent Paint Monitor report, environmentally friendly paints are now the number-one desired innovation among painters in the EMEA region.

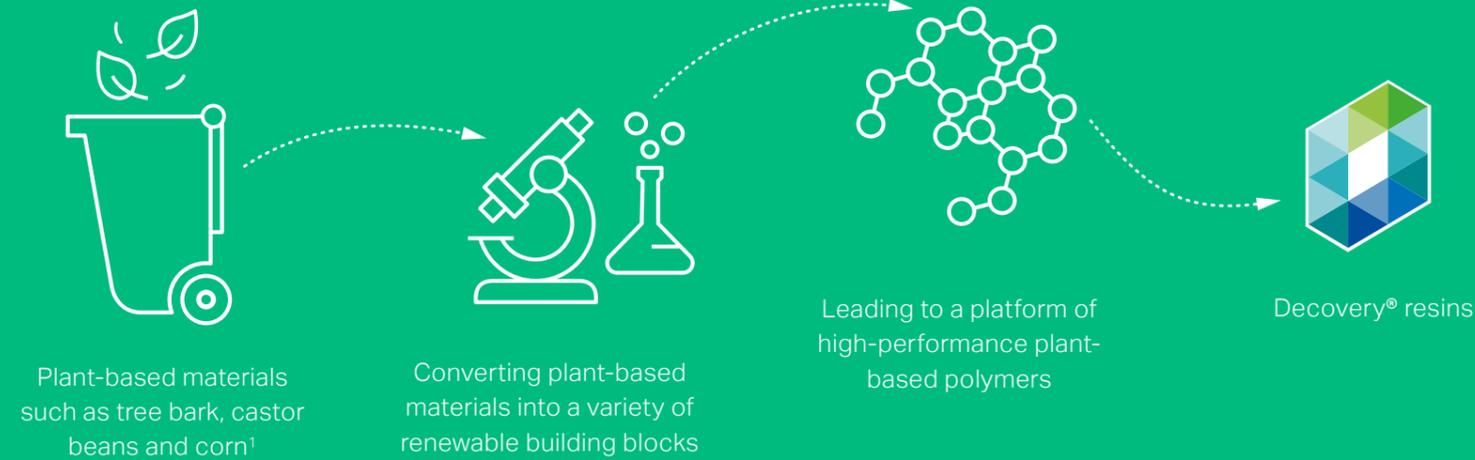
### But sustainability shouldn't come at a cost to performance:

Wood paints and exterior coating systems must support an increasing range of challenging applications and substrates – from wooden interiors and exteriors to flooring, walls and metals. And they must deliver excellent functionality in terms of adhesion, durability and other technical requirements.

As a frontrunner in bio-based coating resin solutions, at Covestro we help our partners thrive in today's fast-changing decorative marketplace while protecting people and planet. With our advanced bio-based resin solutions, with up to 52% bio-based content we give manufacturers the tools to develop sustainable, functional and safe paints and coatings.

# Decovery® Plant-powered coating resins

Decovery® is a family of plant-based resins designed to deliver high-performance products across coatings and inks markets while treating our planet gently. It's made from plant-based materials that are sustainably sourced.



# Decovery® resins deliver ...

Plant-power: Performance without compromising Health & Sustainability

## Performance



Equal or better performance compared to fossil-based resins<sup>1</sup>

## Health



Using safer ingredients and containing very low VOCs.

## Sustainability



Plant-based materials, reducing the carbon footprint, manufactured with renewable energy<sup>2</sup>

## Transparency

- Up to **52% verifiable (C14) bio-based content**<sup>3</sup>
- Up to **34% reduced carbon footprint**<sup>4</sup>
- Sustainably sourced materials (feedstock transparency, supplier audits)
- Product (Sustainability) Passport & value chain transparency projects with 3<sup>rd</sup> parties

<sup>1</sup> Compared to conventional water-based alternatives

<sup>2</sup> Only resins manufactured in Europe at Waalwijk, NL site; Energy from three local windparks (provided by Eneco)

<sup>3</sup> Depending on product grade; verified by Beta Analytic Inc. (Bio-based and Biogenic Carbon Testing Laboratory)

<sup>4</sup> Based on Lifecycle assessment according to ISO-14040-14044, IPCC 2013 GWP 100a standard and the WBCSD chemical sector guidance

# The Decorative Decovery® portfolio

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Covestro offers an industry-beating family of advanced decorative resins spanning multiple technologies, all designed for blending into modern paints. We call this **'Our sustainable House of Decovery® Resins'**. Our unrivaled toolbox provides innovative, plant-based solutions for an extensive range of decorative substrates – from interior and exterior wall paints to trim paints, floor coatings, metal coatings, furniture lacquers and primers of all varieties.



The **Decorative Decovery® portfolio** includes a variety of advanced resin technologies, specially engineered for the decorative market using bio-based content verified to C14 standards. And in order to realize carbon footprint reduction.

Read on, and find out how our bio-based technologies help paint manufacturers develop differentiating concepts, drive innovation and product improvement, and contribute to a more sustainable industry future!

# The Decorative market

Our more sustainable House of Decovery® Resins





## Decovery® SP-8030

**New-generation amine-substituted bio-based hybrid.** Urethane alkyd dispersion, **with 43% bio-renewable content on solids.** Easy to formulate into wood coatings with a high gloss performance. Suitable for interior and exterior use.

For more info click on: [➔](#)

Product name	DESCRIPTION	BENEFITS	MFFT (°C)		BIOBASED % / C14	APPLICATION
			SOLIDS (%)			
<b>Decovery® SP-8030</b>	Amine-substituted fatty acid modified aliphatic based polyurethane dispersion.	Drying speed, low odor, transparency film hardness, scratch resistance, water resistance.	42	-	43%	Decorative interior & exterior stains and paints for wood and metal.



Excellent scratch & chemical resistance



High gloss development



Low yellowing



Low in odor and amine-substituted



Suitable for very low VOC



# Decovery® SP-8406

**High-performance plant-based wall paints.** An all-acrylic dispersion, with **52% bio-renewable content** on solids and suitable for interior wall paints. Helping you replace crude-oil-based paint... with plants. Create low-odor, durable and good scrub resistance paints with equal or superior performance to acrylic-based paint, while avoiding the yellowing effect common in alkyds.

Product name	DESCRIPTION	BENEFITS	MFFT (°C)		BIOBASED % / C14	APPLICATION
			SOLIDS (%)			
<b>Decovery® SP-8406</b>	Pure acrylic	Good scrubs resistance	47	0	52%	Interior & exterior wall paints



Moisture regulation



Good scrub resistance (Class 1 and 2)



Good stain resistance



Suitable for low VOC wall top coats



Suitable for low VOC wall-primers



# Decovery® SP-7450

**High-performance plant-based resin for wood coatings.** An all-acrylic copolymer emulsion **with 39% bio-based content** on solids, designed for fast drying and fast blocking resistance coatings for decorative wood exterior and interior applications. Suitable for clear and opaque coatings with excellent elasticity.

For more info click on: [➔](#)

Product name	DESCRIPTION	BENEFITS	MFFT (°C)		BIOBASED % / C14	APPLICATION
			SOLIDS (%)			
<b>Decovery® SP-7450</b>	Acrylic copolymer	Fast drying, fast blocking resistance, good alkaline resistance.	44	10	39%	Exterior wood





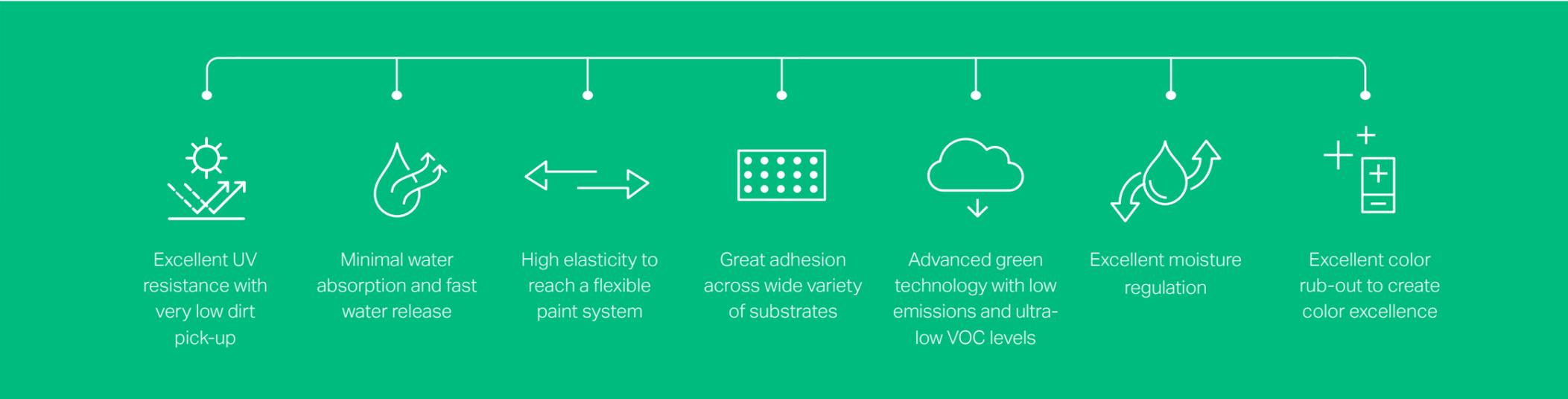
# Decovery® SP-8310 XP

**Improving outdoor durability with bio-based, breathable resins.**

A durable and multipurpose acrylic resin with a very good water resistance and excellent water vapor permeability combined with good elastic properties. The broad adhesion profile makes Decovery® SP-8310 XP suitable for many application area's irrespective of substrate. An all-acrylic dispersion, having a **bio-renewable content of 37% on solids**.

For more info click on: [➔](#)

Product name	DESCRIPTION	BENEFITS	MFFT (°C)		BIOBASED % / C14	APPLICATION
			SOLIDS (%)			
<b>Decovery® SP-8310 XP</b>	Pure acrylic	Excellent water resistance, broad adhesion profile, good blocking	47	5	37%	Interior & exterior coatings including façade and trim





## Decovery® SP-2022 XP

**The ultimate self-matting bio-based solution.** A self-crosslinking inherently matt aliphatic urethane **with 35% bio-renewable content** on solids. Helps deliver the outstanding ultra-matt aesthetics and high performance demanded by end-users, while greatly improving production efficiency.

For more info click on: [➔](#)

Product name	DESCRIPTION	BENEFITS	SOLIDS (%)	MFFT (°C)	BIOBASED % / C14	APPLICATION
<b>Decovery® SP-2022 XP</b>	Self-crosslinking inherently matt aliphatic urethane.	Matt appearance, neutral wood coloration, excellent chemical, black heel and scuff resistance, non polishing.	34-36	<5	35%	Wood and seamless flooring, decorative coatings.



Time saving in operations



No matting agents required



Ultra-matt appearance



Excellent stain & scratch resistance



35% bio-based content



Suitable for very low VOC



Look around and  
make yourself  
at home!



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<sup>1</sup>Please see the "Guidance on Use of Covestro Products in a Medical Application" document.

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