



# Covestro Decorative resin solutions.

Welcome to our house of resins.



“Look around  
and make yourself  
at home!”

## Welcome to our house of resins

At Covestro Coating Resins, we have an industry-beating family of advanced decorative resins spanning many technologies, all designed for blending into modern paints. Our solutions cover a wide variety of substrates, from interior and exterior wall paints to trim paints, floor coatings, metal coatings, furniture lacquers, and primers of many varieties. But it doesn't stop there – whatever the requirements, our resins will help you develop innovative, futureproof solutions to meet your customers' every need.

Being a front-runner in sustainable resin technology, our solutions not only make homes look beautiful, they also make them safer. They also help protect the environment and are more friendly for users. All while enhancing technical properties and ease of use for the applicator.

Welcome to our house of resins –  
look around and make yourself at home!



# The house of resins

## Unlock new levels of sustainable paint performance, with our total resin solutions

Ask for our product catalogue and e-mail: [coating.resins@covestro.com](mailto:coating.resins@covestro.com) for an wide overview of our product offering.

For more info click on: [→](#)

### Interior deco wood coatings


#### Neocryl® HP-1000

Non-sanding low-emission primer.

#### Neopac™ PU-485

Fast drying low-yellowing high gloss trim.

#### Decovery® SP-8030

High performance healthy plant-based wood coating solution. 

#### Neopac™ E-225

Flawless and scratch-resistant trim paints.

#### Neocryl® XK-14

Self-crosslinking multipurpose acrylic.

### Interior wall paints


#### Neocryl® HP-4000

High-performance, moisture-resistant wall paint.

#### Neocryl® A-820

The 100% acrylic universal workhorse.

#### Decovery® SP-8406

High-performance plant-based resins to reduce CO<sub>2</sub>. 

### Interior floor coatings


#### Neorez® R-2180

Fabulous mechanical resistant 1K wooden floors.

#### Neocryl® XK-112

Self-crosslinking acrylic for flooring.

#### Decovery® SP-2022

Protect the natural beauty of wooden floors. 

#### Neocryl® XK-555

2K acrylic flooring solution.



### Exterior wall paints

#### Neocryl® XK-240

Exterior coating for façade and wood.

#### Neocryl® HP-4000

Breathable and long lasting wall paints.

### Exterior deco wood coatings

#### Uradil™ AZ-785

Strong and brilliant high gloss trim paints.

#### Decovery® SP-7450

Durable sustainable wood coating. 

#### Uradil™ AZ-524

Perfect wood penetration with flexibility and high durability.

#### Neocryl® XK-190

The ultra durable exterior wood façade.

#### Neocryl® XK-298

Durable and color remaining topcoats.

#### Neocryl® XK-89

Durable and color remaining decks and fences.

### Light duty metal paints

#### Uradil™ AZ-765

The boss of gloss.

#### Neocryl® XK-82

The value engineered king.

#### Neocryl® XK-85

Versatile workhorse.

#### Neocryl® XK-117

The body builder.

### Specialty solutions

#### Neocryl® TX-208

Resins to improve flow and leveling and avoid dripping.

#### Neorez® R-2005

Ideal blend partner to boost chemical resistance and hardness.

#### Neorad® R-565

UV site applied curable resins.





## Durable Sustainable Materials

### Together, we can do well by doing good

Covestro has a long and proud track record in coating resins innovation. Over years and decades, we've led the way with advanced decorative solutions – such as **Decovery**<sup>®</sup>, the market's first entirely plant-based family of coating resins.

Today, we continue to push the boundaries of modern resin technology. Our science-driven approach leverages industry and consumer insights to understand what really matters to paint manufacturers, and what drives their business. Most of all, we understand the importance of sustainability and safety, because these values are embedded in everything we do. As a purpose-led, performance-driven organization, we make solutions that enable our partners to become more responsible in a competitive way. Or, as we like to say, to 'do well by doing good'.

"Let Covestro be your innovation partner; together, we can drive sustainable growth – now and in the future!"



Scrub class 1



Cleanability



Anti-corrosion



Durability



UV resistance



Water vapor permeability



Water resistance



Scuff resistance



Stain & scratch resistance



Adhesion



Flexibility



VOC Free



Biobased



Blocking



Open time



Water repellent



Odorless



Selfmatting



Unsaponifiable



Fingerprint resistant



## Value-added services

Covestro aims to inspire, support, and accelerate to create growth within the decorative market

We have created strategic concepts that deliver the tools required to talk about market insights, developments, and sustainability, rather than simply technical product information.

## From insights 2 innovations



For paint manufacturers, innovation and product improvement are essential drivers of sustainable growth. Proprietary market insights that leverage big data to retrieve reviews and end-user search behavior – this is crucial in order to develop the right solution. With this concept, Covestro can help paint manufacturers sharpen their strategic innovation and shape new marketing concepts.

## Sustainability inspiration



We live in a fast-changing world. New technologies have begun to disrupt entire industries, and the only way to lead is to change. At Covestro, we want to be a catalyst for change and enable our partners to innovate successfully. Plant-based technologies are the next big opportunity; with sustainability at our core, we are one of the pioneers of this technology. Together with you, we would like to explore what sustainability in the coatings industry looks like, understand market trends, dive into plant-based technologies, and discuss the value and positioning of these solutions.

## Solution expertise center



The world of creating paints that beautify and protect is a highly complex. And choosing the right ingredients, practicing the right science, and running the proper tests to create the ultimate paint requires real craftsmanship. Covestro continuously invests in the technical expertise needed to develop the right solutions. This means the brightest technical minds are always there to support you in building a circular future, together.

- Supportive technical benchmarking
- Regulatory & compliance support
- Paint guide formulations



## Make our house your home

### Build your innovation pipeline with our advanced decorative toolbox

In a fast-changing decorative marketplace, there's no room for 'one size fits all', no prizes for sticking with the tried and tested. Today's end users demand more flexibility and choice, and the bar for technical, aesthetic, and sustainability performance is constantly rising.

We offer carefully engineered innovative resins that make a real difference to how specific coatings perform. Our decorative portfolio draws together the widest range of waterborne acrylics, hybrids, and plant-based solutions to support countless applications and substrates. So, whether your focus is interior or exterior wall paint, lacquers, or primers; whether you're looking for sustainability, durability, adhesion, or all of the above, we have you covered.

We also recognize that your needs – like those of your customers – are constantly evolving. Our innovation toolbox provides everything you need to advance your product pipeline. Together, we'll add value to end users like no one else can.





# Covestro's family portfolio

## Our family of resins for the decorative market



### Neopac™

Alkyd-and-acrylic urethane hybrids that outperform comparable blended systems.



### Neocryl®

A family of waterborne acrylic resins for a variety of applications.



### Uradil™

Waterborne alkyds and polyesters for a variety of applications.



### Neorez®

Waterborne urethane resins that give tough finishing for wooden floors.



### Decovery®

A plant-based family of paint resins, ideal for many applications.





# More about Covestro

## Leading the way in sustainable innovation

At Covestro, we use our unique skills in material solutions to make the world a brighter place. We create solutions that nourish, protect, and improve the performance of millions of products all over the globe. At the same time, our solutions contribute to a more circular world. This is reflected in our approach to the Energy Curable Industry. Covestro delivers highly specialized, market-leading products – from resins and powder-coating technology to anti-reflective coatings for solar glass activities, and far beyond.

Innovation is key to satisfying these demands and creating added value for customers, society and the environment by turning targets into realities. At Covestro, our long-standing expertise in aliphatic and aromatic polyisocyanates and more sustainable resins goes hand in hand with our purpose to constantly push boundaries in the search for future-oriented solutions. Through joint solutions, alternative raw materials, innovative recycling, and harnessing renewable energy, we're enabling coatings and adhesives producers to meet the circular challenge, here and now.

For more information, please visit the Covestro website: [www.covestro.com](http://www.covestro.com)



## Delivering high quality with respect for nature

### Amulix®

Looking ahead with purpose, Covestro **Amulix®** is dedicated to making sustainable contributions to agricultural production – for today and tomorrow. Our bio-based and biodegradable seed coatings contribute to healthy and safe food production while also enabling better performance across the value chain. As such, our products will enable more sustainable agricultural practices, and – ultimately – create brighter lives for people around the world.

## Eco-friendly powder coating for heatsensitive substrates

### Uralac® Ultra

Since the first commercial attempts in the early 1990s, powder coating technology for heat-sensitive substrates has offered a viable alternative to liquid coatings. However, until recently, manufacturers have faced significant limitations in the substrates that could be used. With **Uralac® Ultra**, Covestro answers this need. Our unique powder-coating technology is developed specifically for use on MDF and other heat-sensitive wood products. This is because **Uralac® Ultra** resins can be cured faster and at lower temperatures than other commercially available resins.



## 100% recyclable carpets

### Niaga®

95% of carpet is burned or thrown away after use, putting it among the leading contributors to landfill and incineration around the world. Covestro's **Niaga®** technology allows carpets, as well as other everyday products such as mattresses, to be designed for circularity, so that materials can be regained and reused, again and again.





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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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