



Solutions for Resins & Coatings

Pure Performance. Pure advantage.

Taking on six global challenges

The resins & coatings Global Market Insights* highlight six global challenges that are with us today and for the foreseeable future. At Perstorp, we have aligned our resources to help you meet these challenges.



1 Rising demand for environmentally friendly coatings and high performance



4 Brand owners, end-consumers and legislation are globally driving stringent environmental demands



2 Growth of bio-based coatings



5 Integration of the supply chain to get new products to market quicker and more efficiently



3 Growth in developing countries and end-use industries



6 More emphasis on customized performance - need for more technical support & testing

*Coatings World - Coating & Resins Market Update. 2018

Give us your toughest resins & coatings challenge

We believe that with the right skills, knowledge, technology and people we can make a positive change for the industry, the environment and of course for you.

We are a "resins & coatings native" with an industry presence stretching back over almost seven decades. Along the way, we have acquired the knowhow that can add real value to your business. Our global presence, full range portfolio, service offer and supply reliability allow our customers to get on with what they do best, creating winning resin and coating formulas.

If you want to get ahead of the pack and maintain a sustainable lead, you will find our innovation and development, particularly in pro-environment solutions and waterborne technologies, to be world leading. Whether it is essential building blocks, high performance specialty products or expertise you need, our people and portfolio are ready to take on your toughest challenge.





Adding value to your segment and application

Perstorp's essential building blocks and specialty products can be used and tailored to produce resins and coatings that perfectly satisfy the requirements of different segment needs and thousands of applications.

Alkyds

Facilitating sustainable innovation and development

Waterborne alkyd solutions that provide you with the best sustainable option versus solvent-borne and other waterborne alternatives. We will help you transition smoothly to one of our three waterborne technologies to gain better paint performance, meet VOC legislation and lower your carbon footprint with Voxtar™ the renewable Penta.

Advantages include:

- Smooth transition to WB solutions.
- Access to new sustainable technology to differentiate your offer.
- Reduced development cost and faster speed to market.

Products: Penta, Di-Penta and Voxtar™, Phtalic anhydride, Bis-MPA™, Polyol PX, TMP and Evyron™

Powder Polyester

Cost efficient solutions and reliable partner

In a mature market you need a reliable innovation partner who can help you develop and differentiate your product range, reduce your total cost, commit to a flexible supply chain and give you a sustainable edge. We can give you all those advantages.

Advantages include:

- Dedicated innovation partner with network, insights & expertise.
- Reduced development cost and faster speed to market through collaboration, efficient tools and IP support.
- Flexible and efficient supply chain meeting your local needs
- Differentiate from competitors with Neeture™ and Evyron™ our partly renewable Neo and TMP.

Products: Neo and Neeture™, TMP and Evyron™



Liquid Unsaturated polyester

Tough performance & cost efficiency

The freedom to develop a new generation of composites and robust gel coat performance properties for tough outdoor applications. Plus, support to reduce your development costs, speed up time to market and lower your carbon footprint.

Advantages include:

- Unique allyl ethers that significantly improve function & performance – hardness, surface drying, yellowing, scratch and chemical resistance.
- Differentiate your offer and reduce your carbon footprint with the partly renewable Neeture™ and Eviron™.
- Reduced development cost and faster speed to market.

Products: Allyl ethers, Neo and Neeture™, TMP and Eviron™



Liquid Saturated Polyester

The freedom to innovate & perform

Technology platform that gives you the freedom to innovate new high-performance liquid saturated polyesters to a significantly lower environmental impact utilizing our unique building blocks, renewables and technical support.

Advantages include:

- Reduced development cost and faster speed to market.
- Reduce your carbon footprint and differentiate your product using Neeture™ and Eviron™ our partly renewable Neo and TMP.
- Access to new sustainable technology with science, products and support.

Products: Neo and Neeture™, TMP and Eviron™, Bis-MPA™ and Pentaspiroglycol



Polyurethane dispersions (PUD)

Chose your performance properties

Our portfolio of dispersing monomers and polyols for PUDs gives you the freedom and flexibility to choose the precise performance properties you need to differentiate your PUD resin formulas.

Advantages include:

- Unique broad portfolio with the best quality products for superior PUD performance and a wide range of formulation flexibility.
- Insight, market knowledge and the technical know-how to make a real difference in new development projects.
- 100% solvent free PUD solutions using Ymer™, which is a ready-to-use product for higher productivity, lower processing costs and unique technical properties.

Products: Bis-MPA™, Oxymer™, Ymer™, TMP and Evyron™



Intumescent carbon donors

Win more time for people & structures

Our Charmor™ range, of intumescent carbon donors, provides superior charring performance for waterborne and solvent-borne coatings. Charmor's use in intumescent coatings provides the vital extra time needed to save people and buildings.

Advantages include:

- Superior, reliable charring and very good insulation provides longer protection time for people and building structures.
- Secure supply with the largest global production capacity & customized global supply service.
- Light-weight and thinner coating solutions for aesthetics as well as reducing application costs.
- Charmor™ Pro is made from renewable material & energy to reduce carbon footprint and differentiate your offer.

Products: Charmor™ and Charmor™Pro grades



Radiation curing

Innovative high-performance solutions

Safe products with superior performance properties are the hallmark of our offer for RadCure. With our unique product portfolio and support, we give customers the freedom to design and develop the best UV curable monomers and oligomers.

Advantages include:

- Dedicated innovation partner with network, insight & expertise.
- Broad portfolio of specialty polyols to be used as building blocks for oligomers and reactive diluents.
- Unique products that give outstanding performance – low viscosity and high reactivity.
- Reduce your carbon footprint and differentiate from competitors with renewable Voxtar™, Evyron™ and Neeture™.

Products: Alkoxylates, Boltorn™, CTF, Neo and Neeture™, Penta, Di-Penta and Voxtar™, TMP, Di-TMP and Evyron™



Cationic curing

Faster curing with impressive printing on any surface

As a global leader in core components for high-quality cationic UV curing formulations we can help you to achieve faster curing with impressive printing on any surface. Components include Curalite™, as a reactive diluent, and specialty polyols, such as Boltorn™ used to fine tune final properties.

Advantages include:

- Dedicated innovation partner with network, insight & expertise.
- Products giving high reactivity with good diluting power making processing faster, boosting productivity and reducing cost.
- Development of high performance formulations with very low migration and shrinkage with excellent printing adhesion even on difficult surfaces.
- Energy efficiency, renewability, low/no VOC and a constant development of further sustainable solutions.
- Reduce your carbon footprint and differentiate from competitors with renewable Curalite™ Pro.

Products: Alkoxylates, Boltorn™, Curalite™Ox, Curalite™OxPlus™ and Curalite™ Pro



Together we cover all the angles

In a fast-changing resins & coatings marketplace, we believe strong partnerships are critical to future success and in order to take advantage of the opportunities presented by the six global challenges. Irrespective of your particular angle or the specific challenges you face, Perstorp is ready to help you manage and take advantage of them.

Committed Partnership

Access to relevant expertise & winning services

Getting your products to market quicker, lowering the total cost of ownership, technical support to optimize formulations and reducing your environmental impact are just some of the advantages of partnering with us. Closer integration also means you gain access to our dedicated expertise plus a range of unique value services.

Innovation & development

- Expertise and network
- PerCalc digital formulation tool
- Formulation guides
- IP support

Insights & applications

- Technical sales support
- Market sentiment report
- CO₂ calculator

Logistics & secure supply

- Digital order management
- Vendor managed inventory
- Consignment stock

Focused Innovation

Innovation focused on your success


Shorten your time-to-market by drawing upon our knowledge and expertise. We are here to help you turn your innovative ideas into reality faster with building blocks, technical expertise, business tools and committed support.

Full range portfolio allows you to innovate

Our broad portfolio of quality base and specialty polyols gives you the freedom to develop and customize formulations to the precise performance properties required. By choosing our renewable grades you can significantly improve the sustainable profile of your resins without compromising performance.

Faster development & speed to market

Our dedicated fast-response development team provide end-to-end technical support plus formulation guidelines and IP support.



Sustainable solutions now Securing growth and a sustainable future

The key to future business success will become increasingly dependent on sustainable solutions and raw materials. We can help you keep pace and grow successfully, as a leader in pro-environmental solutions. Success will depend more and more on providing new resins and coatings with both improved performance and enhanced sustainability.

Go renewable

With our ISCC* certified fully or partly renewable base - and specialty products you can significantly reduce the carbon footprint of your formulations.

You get exactly the same performance compared with fossil alternatives but with a sustainable edge. Good for business & good for the planet.

Access future solutions: safe & sustainable

Use our knowledge and service to smoothly transition to safe waterborne low VOC and low CO₂ solutions.

By securing future renewable raw materials and focusing 80% of our R&D on finding new sustainable solutions we will keep you one-step ahead.

One molecule can change everything

Perstorp believes in improving everyday life – making it safer, more convenient and more environmentally sound for billions of people all over the world. As a world leading specialty chemicals company, our innovations provide essential properties for products used every day and everywhere. You'll find us all the way from your car and mobile phone to towering wind turbines and the local dairy farm. Simply put, we work to make good products even better, with a clear sustainability agenda.

Founded in Sweden in 1881, Perstorp's focused innovation builds on more than 135 years of experience, representing a complete chain of solutions in organic chemistry, process technology and application development. Manufacturing is based in Asia, Europe and North America, with sales and support in all major markets. The Perstorp Group is controlled by funds managed and advised by the European private equity company PAI partners.

Learn more at www.perstorp.com