



**OUR PROTECTIVE
AND MARINE
COATINGS
BUSINESS
ASIA PACIFIC**



WE ARE PPG. WE PROTECT AND BEAUTIFY THE WORLD.

We create, invent, and formulate the amazing paints, coatings and materials that make the world stronger, safer, greener, and better every day.

1883 An American Fortune 500 company, founded in 1883

156 Manufacturing facilities across the world

47,000 Employees worldwide

75 We serve customers in more than 75 countries

13.8 2020 revenue was USD 13.8 billion

PROTECTING ASSETS IN THE WORLD'S MOST CHALLENGING INDUSTRIES AND ENVIRONMENTS

Working closely with customers across the globe, our goal is to deliver innovative coatings that not only meet their project demands but also match the environmental, health and safety requirements of the markets we serve, today and tomorrow.



CIVIL INFRASTRUCTURE

Proven protection to ensure durability and aesthetic performance in the places we live, work, travel and have fun.



MARINE

Keeping marine systems moving and vessels gliding in harsh conditions, with improved energy savings and reduced operational costs



OFFSHORE

Robust and resilient against harrowing marine environments found offshore in the world's most dangerous seas.



PETROCHEMICAL

The oil, gas and chemical industries require world-class protection – we have unrivalled coatings to meet these difficult environments.



MINING

Designed to extend the operational life of mining facilities and equipment that are under constant pressure and use.



POWER

Trusted by the power industry to keep the world switched on by making plants and equipment last longer and work better.

OUR PROTECTIVE COATING PRODUCT OFFERINGS

To protect our world, we must fortify the structures that make up the spaces we live and work in and provide critical services. Our protective coatings deliver proven protection from corrosion, abrasion, high temperatures and fire - extending escape time for safety critical structures - while maintaining aesthetic performance to beautify our surroundings.

VISIT [PPGPMC.COM/PROTECTIVE](https://ppgpmc.com/protective)



Effective primer solutions

PPG SIGMAWELD™

Pre-fabrication shop primers for the temporary protection of steel through the construction process. They possess outstanding cutting, welding and secondary surface preparation characteristics with good compatibility for a range of topcoats.

PPG SIGMAPRIME®

Our 'ONE PRIMER FITS ALL' epoxy primer offers truly outstanding anticorrosive protection and in-service performance in addition to enabling coating rationalization and system simplification.

PPG SIGMAZINC™

A range of high-quality zinc primers for use in systems with durable topcoats.

Durable epoxy solutions

PPG SIGMACOVER™

A range of durable epoxy coatings for both new construction and maintenance in both atmospheric and immersed conditions. The products provide a range of outstanding features such as corrosion protection, surface tolerance, ease of application, recoatability, and suitability for a wide range of ambient conditions.

PPG SIGMASHIELD™

A range of highly abrasion- and impact-resistant systems for long-term service in aggressive environments.

High-performance topcoat solutions

PPG SIGMADUR™

Durable finishes that deliver outstanding performance in terms of color and gloss retention.

PPG PSX® series

Revolutionary, high-performance, engineered polysiloxane with excellent color- and gloss retention, and anticorrosion characteristics.

Passive Fire Protection (PFP) solutions

PPG STEELGUARD™

Cellulosic PFP

A complete range of cellulosic passive fire protection coatings for the protection of structural steel in civil buildings.

PPG PITT-CHAR® XP

Hydrocarbon PFP

The ultimate flexible epoxy intumescent coating solution for extreme hydrocarbon fire scenarios, (including jet fire) with extensive third-party certification.

High-temperature-resistant coating solutions

Corrosion Under Insulation (CUI)

PPG HI-TEMP 1027™

Prevents CUI with excellent protection for extreme temperature conditions ranging from -185°C to 650°C (-300°F to 1,200°F) while providing impressive corrosion resistance.

Non-insulation

PPG HI-TEMP™ 500/1,000 series

One-component, heat-resistant topcoat with highly engineered silicone resin primarily for application to hot surfaces over the PPG HI-TEMP 1027 primer.

PPG SIGMATHERM™

Systems designed for high-temperature exposure conditions, which provide dependable, long-term performance for both new construction and maintenance.

Tank lining solutions

PPG SIGMAGUARD™

A high-quality range of tank coatings that includes pure epoxy, phenolic epoxy and zinc silicate tank systems.

PPG SIGMAGUARD CSF

A proven, advanced range of solvent-free epoxy products for application by single-feed airless spray. Products include the original system for the protection of pitted steel and a full range of systems for drinking water distribution and storage.

PPG NOVAGUARD™

Solvent-free epoxy phenolic tank coating systems with increased chemical resistance for aggressive in-service conditions.

PPG PHENGUARD™

Solvent-borne epoxy phenolic range offers maximum resistance to the widest range of aggressive chemical cargos, such as Methanol, EDC and Fatty Acids.

OUR MARINE COATING PRODUCT OFFERINGS

Our marine coatings protect assets in some of the world's most demanding and corrosive sea conditions and save on customers' operational costs. Our antifouling or fouling-release products are engineered to protect ships at new-build and/or dry dock application with a coatings range that supports fuel-saving programs, idle-day tolerance as well as reduction of the environmental footprint.

VISIT PPGPMC.COM/MARINE



Effective and simplified primer solutions

PPG SIGMAWELD

Leading assortment of pre-fabrication shop primers for the temporary protection of steel through the construction process. They possess outstanding cutting, welding and secondary surface preparation characteristics with good compatibility for a range of topcoats.

PPG SIGMAPRIME

Our 'ONE PRIMER FITS ALL' epoxy primer offers truly outstanding anticorrosive protection and in-service performance, especially in water ballast tanks, in addition to enabling coating rationalization and system.

Heavy-duty epoxy solutions

PPG SIGMASHIELD

Abrasion- and impact-resistant systems for long-term service in aggressive environments.

PPG SIGMACOVER

A range of durable epoxy coatings for both new construction and maintenance in atmospheric- and immersed conditions. The products provide a range of outstanding features such as corrosion protection, surface tolerance, ease of application, recoatability and suitability for a wide range of ambient conditions.

High-performance antifouling solutions

PPG SIGMA ECOFLEET®

Self-polishing, tin-free antifouling range for total IMO AFS compliance at new-building and maintenance dry dockings.

PPG SIGMA ALPHAGEN®

Established, self-polishing antifouling system for use at new-building and maintenance dry dockings, with up to 60 months' service.

PPG SIGMA NEXEON™

Innovative, copper-free antifouling range with excellent aesthetics for static- and slow-moving vessels.

PPG SIGMA SAILADVANCE™

High-quality, hydrolyzing, self-polishing antifouling provides long-term antifouling protection and consistent fuel savings that can be applied at new-building, and maintenance and repair.

PPG SIGMAGLIDE®

Biocide-free, environment-friendly, performance- enhancing fouling release system for long-term service.

Proven tank lining solutions

PPG SIGMAGUARD

A renowned range of cargo tank coatings including pure epoxy and zinc silicates.

PPG SIGMAGUARDCSF

A proven, advanced range of solvent-free epoxy products for application by single-feed airless spray. Products include the original system for the protection of pitted steel and a full range of systems for drinking water distribution and storage.

PPG NOVAGUARD

Solvent-free epoxy phenolic tank coating systems with increased chemical resistance for aggressive in-service conditions.

PPG PHENGUARD

Solvent-borne epoxy phenolic range offers maximum resistance to the widest range of aggressive chemical cargos, such as Methanol, EDC and Fatty Acids.

Robust and resilient finish coat solutions

PPG SIGMA VIKOTE™

A range of single-pack, easy-to-use, cost-effective coatings for improved anticorrosive protection and aesthetics.

PPG SIGMARINE™

Easy-to-use, single-pack systems deliver economical anticorrosive protection and aesthetics for steel structures.

PPG SIGMADUR

Durable finishes that deliver outstanding performance in terms of color- and gloss retention.



INNOVATION AND TECHNOLOGY IN ASIA PACIFIC

Our focus on technological advancement means PPG products are trusted worldwide to deliver consistent performance across a multitude of markets.

Alongside our Global PFP Technology Center in Kunshan, China - equipped with state-of-the-art research facilities to better understand the needs of our customers - we have Global Technical Centers in China and Korea continuously developing new products for local, regional, and global protective and marine coating markets.

IT'S OUR PEOPLE WHO MAKE THE REAL DIFFERENCE

At PPG we have access to a global footprint of production facilities, stock points, shops and sales offices, as well as an extensive network of distributors, agents and other third parties.

With around 600 Field Technical Service representatives based in over 60 countries - certified by FROSIO, NACE, KACE, Corrodere and ACQPA - that means no matter where your project needs support, we have the right resource and technical team to assist locally.



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PPG PASSIVE FIRE PROTECTION (PFP) TECHNOLOGY CENTER

PPG's global hydrocarbon and cellulosic PFP technology center resides in Kunshan, China to respond to the market demand and customers' needs.

Our PFP technology center was awarded the Witness Test Data Program (WTDP) by UL, a respected global safety science organization. Our technology facility is certified to conduct fire-resistance testing compliant with UL 1709 on furnace in our own laboratory under the supervision of UL personnel, as the physical resources, equipment and qualified personnel have been found to be equivalent to those of UL's laboratories.



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