



PPG ONE RANGE™

The ONE that makes it easy

Simplified coating solutions for onboard protection



PPG ONE RANGE™

PPG ONE RANGE™ is an easy-to-use, sustainably advantaged, and globally consistent marine coatings range designed to remove complexity from onboard ship maintenance.

The ONE coating range that makes it easier for the crew

Onboard maintenance at sea leaves no room for complexity. Non-specialized crews, restricted storage space, tight schedules, and safety requirements make simple, reliable and efficient coating solutions essential. PPG ONE component coatings for onboard maintenance are designed specifically for these realities.

With a balanced portfolio of water based and low odor coatings, formulated without isocyanates, clearly labeled and globally available, PPG ONE RANGE eliminates the need for mixing, reduces waste, and minimizes application errors. Faster readiness and easier handling help crews complete maintenance quickly and safely, reducing downtime and material loss. Supporting safer working conditions on board compared to traditional onboard maintenance coatings.

Designed for global operations, PPG ONE RANGE supports VOC compliance* and IMO SOLAS requirements, helping ship owners operate more easily across regions with consistent performance.

*Depending on specific product and market



One component coating



Water & solvent based technology



PPG ONE RANGE™

PPG ONE RANGE™ consists of five products.

PPG AQUACOVER™ ONE system

PPG AQUACOVER ONE system is an innovative water based primer and topcoat developed for interior applications and exterior use in environments classified up to C3. It is ideally suited for interior accommodation, machinery spaces and engine rooms, as well as selected exterior areas where efficiency and environmental responsibility are essential.

The PPG AQUACOVER range of waterborne coatings have been developed to meet the increasing demand for crew health and sustainably advantaged products. It is particularly well suited for projects where pretreatment is limited, the local environment is sensitive, and fast, simple application is required.

PPG AQUACOVER™ ONE 645 topcoat

- One component, water based topcoat
 - Ultra low VOC – reduced fire and ignition risk
 - Fast drying & unlimited overcoating interval
 - Easy to apply & compatible with existing paint schemes
 - Reduced waste and stock
 - Suitable for exterior use in C3 environments in combination with AQUACOVER ONE 625 primer
 - Direct to metal capability for engine rooms* – saves time and simplifies onboard maintenance
- *Recommended as a two coat system in engine rooms



PPG AQUACOVER™ ONE 625 primer

- Water-based – low odor and better for the crew and environment
- Ultra-low VOC emissions - reduced fire and ignition risk
- Excellent adhesion properties - can be applied to various types of old and weathered coatings
- Good adhesion to steel and anticorrosive properties
- Fast-drying and recoatable
- Suitable for exterior application in C3 environments in combination with AQUACOVER ONE 645 topcoat



PPG SIGMAFAST™ ONE 628 primer

A one component, quick drying zinc phosphate primer designed for efficient onboard maintenance above the waterline. This surface tolerant alkyd primer offers excellent corrosion protection and easy application, with broad recoatability for maximum flexibility.

- Onboard maintenance primer for above-water areas
- Easy application
- Fast-drying
- Recoatable with various one and two component products
- Surface tolerant
- Good anticorrosive properties



PPG SIGMARINE™ ONE 648 topcoat

Versatile, one-component gloss topcoat for easy onboard maintenance. PPG SIGMARINE ONE 648 coating is the latest addition to the reputable PPG Sigmarine series, a range of one-component topcoats and primers with almost 50 years of proven performance. It offers robust protection against corrosion and abrasion, helping to keep vessels productive throughout their operational life.

- Particularly suitable as a finish for boottop, topside, deck and deck equipment
- A quick-drying, hard, tough, water- and weather-resistant coating with good gloss retention
- Can be applied over any paints
- This coating is particularly suitable for areas intermittently exposed to water-immersion and atmospheric conditions



PPG SIGMADUR™ ONE topcoat

Unique, durable single-pack urethane polyester finish coat with excellent aesthetics and formulated without isocyanates. Our one-component coating saves times and reduces mistakes during application, making it ideal for onboard maintenance.

- Single-pack, durable urethane polyester finish coat
- Easy to apply on decks, interiors, superstructures and topsides
- Good mechanical properties
- Compatible with existing aged coatings



PPG ONE RANGE™ at a glance

PPG ON RANGE™: You'll only need ONE.

PPG ONE RANGE is a simplified, sustainably advantaged, and globally consistent marine coatings range designed to remove complexity from onboard ship maintenance.

 PPG SIGMAFAST™ ONE 628 [SB Primer] Best for efficient onboard maintenance above the waterline. Chemistry: Modif ied Alkyd Zn Ph VOC: 392 g/l Solid Content: 55% Min Application Temp: 5°C Dry to Touch: 30min Min Overcoating: 4h	 PPG SIGMARINE™ ONE 648 [SB Topcoat] Versatile gloss topcoat best for easy maintenance on deck. Chemistry: Modif ied alkyd VOC: 427 g/l Solid Content: 48% Min Application Temp: 5°C Dry to Touch: 3h Min Overcoating: 24h	 PPG SIGMADUR™ ONE [SB Topcoat] High-performance finish coat for general onboard maintenance. Chemistry: Urethane Polyester VOC: 400 g/l Solid Content: 53% Min Application Temp: 5°C Dry to Touch: 1h Min Overcoating: 8h	 PPG AQUACOVER™ ONE 625 [WB Primer] Interior accommodation, machinery spaces and engine rooms. Exterior applicat ion up to C3 environments. Chemistry: Acrylic Zn Ph VOC: 25 g/ l Solid Content: 42% Min Application Temp: 10°C Dry to Touch: 1h Min Overcoating: 6h	 PPG AQUACOVER™ ONE 645 [WB Topcoat] Interior accommodation, machinery spaces and engine rooms. Exterior applicat ion up to C3 environments. Chemistry: Acrylic Zn Ph VOC: 25 g/ l Solid Content: 44% Min Application Temp: 10°C Dry to Touch: 1h Min Overcoating: 12h
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Global Standard:
 All PPG ONE RANGE products feature unlimited maximum overcoating time at 20°C



To learn more, visit ppgpmc.com or contact:

Asia Pacific ☎ +86-21-6025-2688 ✉ ppgpmc.ap@ppg.com

Europe, Middle East and Africa ☎ +32-3-3606-311 ✉ customers@ppg.com

Latin America ☎ +57-1-8764242 ext. 201 ✉ ppgpmcandean-ca@ppg.com

North America (US & Canada) ☎ +1-888-9PPGPMC ✉ PMCMarketing@ppg.com

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