SIGMAZINC™
ZINC PRIMER RANGE
PRODUCT LINE SERVING EUROPE, MIDDLE EAST AND AFRICA
PPG Protective & Marine Coatings
Unrivalled Performance and Protection

PPG Protective & Marine Coatings (PPG) is a world leader in protective and marine coatings. We develop products that protect customers’ assets in some of the world’s most demanding markets and environments including:

- Civil Infrastructure
- Marine New-Build
- Marine Dry Dock
- Marine Sea Stock
- Rail
- Offshore
- Petrochemical
- Power

Our coatings provide unrivalled performance for asset owners, contractors, fabricators and applicators across the globe, helping our customers meet the challenges they face today and tomorrow.

Experience, Innovation and Integrity – that is what makes PPG the ideal coatings partner.

Sigma Coatings®
A Global Brand You Can Trust
And Service You Can Rely On

Sigma Coatings® is a brand of PPG Protective & Marine Coatings.

In the most challenging and hostile environments, Sigma Coatings® delivers proven protective solutions for every onshore and offshore application.

Supporting these innovative products, our worldwide supply is backed up by the unrivalled expertise of our global customer service team and sales representatives who will assess your exact needs and assist in specifying the optimum coatings solution.

Our commitment doesn’t end there. To ensure that your project runs smoothly, our experienced, local technical field representatives can be assigned to provide any further advice and onsite support you may need throughout the application, including training on current industry legislation.

Constantly at the forefront of protective coating technology, Sigma Coatings® products are tested, approved and certified to all the relevant industry standards. This continuous drive for product excellence ensures that we provide state-of-the-art coating solutions that will not only meet but exceed your requirements.
THE SIGMAZINC PRIMER RANGE

Bridges, petrochemical plants, offshore assets and other heavy-duty applications demand maximum protection from protective coatings, sometimes much more than can be provided by conventional systems. To meet this need, we developed our SIGMAZINC range.

SIGMAZINC is a complete range of high-quality zinc primers, which can be applied to steel structures, equipment and piping prior to epoxy and polyurethane topcoats delivering ultimate corrosion protection, with abrasion, weather and impact resistance.

SIGMAZINC products are trusted for use in aggressive environments and deliver excellent, long-term performance at elevated temperatures. These primers can also be incorporated into coating systems that meet international standards such as ISO 12944 and NORSOK M501.

SIGMAZINC APPLICATIONS

The SIGMAZINC range is widely used and respected in all key industry sectors with a strong track record in:

**INFRASTRUCTURE**
- Bridges
- Coastal defence
- Port facilities

**OFFSHORE**
- FPSOs
- Structural steel

**PETROCHEMICAL**
- Jetties
- Process equipment
- Structural steel
- Tanks

**POWER**
- Fossil power plants
- Process equipment
- Windmills

www.sigmacoatings.com/protective
THE SIGMAZINC RANGE

ORGANIC PRIMERS

SIGMAZINC 105
Ultra fast drying zinc epoxy primer

SIGMAZINC 102 HS
High-solids, zinc epoxy primer

SIGMAZINC 68 SP
High-solids, zinc-rich epoxy primer

INORGANIC SILICATE PRIMERS

SIGMAZINC 158
Inorganic, zinc silicate primer

SIGMAZINC 11
One-component, inorganic zinc silicate primer

SIGMAZINC 9
Inorganic, zinc rich silicate primer

SPECIALTY PRIMERS

SIGMAZINC 19
One-component, zinc-rich epoxy repair primer
PERFORMANCE YOU CAN TRUST

ORGANIC PRIMERS

SIGMAZINC organic primers are multi purpose primers that provide excellent anti-corrosive protection. Zinc organic primers form the mostly used primer solution in the market and the SIGMAZINC range covers any requirement within the protective coatings market.

INORGANIC SILICATE PRIMERS

SIGMAZINC inorganic silicate products are specialty primers that provide excellent corrosion protection for steel structures, equipment and piping that operates at both permanent and intermittent elevated temperatures. Depending on the zinc primer and topcoat selected, temperature resistance may be as high as 540°C.
ORGANIC PRIMERS

SIGMAZINC 105
*Ultra fast drying zinc epoxy primer*

SIGMAZINC 105 is the fastest to overcoat zinc primer on the market with very good anti-corrosive properties and is easy to apply.

- Overcoating in 25 minutes
- Touch-dry in 10 minutes
- Very good corrosion protection
- Easy application
- Good low temperature curing

- Tested in systems meeting ISO 12944

SIGMAZINC 102 HS
*High-solids, zinc epoxy primer*

SIGMAZINC 102 HS is a very good primer for paint systems incorporating high-solids epoxy buildcoats and can also be used as a system primer for various other paint systems.

- Low-VOC level
- Good corrosion protection
- Compliant with SSPC-Paint 20-level III zinc requirements
- Fast drying, can be overcoated after a short interval
- Suitable for immersion purposes

- Tested in systems meeting ISO 12944

SIGMAZINC 68 SP
*High-solids, zinc-rich epoxy primer*

SIGMAZINC 68SP can be used as primer or as a holding primer in various maintenance systems. It is a very good primer in high solids and high-build epoxy/polyurethane systems.

- Low-VOC level
- Excellent corrosion protection
- Fast drying, can be overcoated after a short interval
- High metallic zinc content
- Suitable for immersion purposes

- Tested in systems meeting Norsok M501 and ISO 12944

SIGMAZINC primers are high quality zinc primers that have already been used for decades to protect offshore and onshore assets in the most severe conditions. SIGMAZINC primers deliver excellent long-term performance.
INORGANIC SILICATE PRIMERS

Zinc silicates are ideal for improving corrosion resistance at elevated temperatures. Also provide zinc silicates a high friction coefficient on the surfaces of high-tension bolted connections.

SIGMAZINC 158
Inorganic, zinc silicate primer

SIGMAZINC 158 is suitable for use as a primer in various paint systems based on unsaponifiable binders. It can withstand substrate temperatures from –90°C up to +400°C under normal atmospheric exposure conditions.

- Good low-temperature curing
- Balanced zinc level for improved economy – complies with SSPC-Paint 20-level II
- Long-term protection with good impact and abrasion resistance
- Suitable for immersion purposes

- Certificate ASTM A490 class ‘B’ for slip co-efficient
- Tested in systems meeting ISO 12944

SIGMAZINC 11
One-component, inorganic zinc silicate primer

Provides excellent corrosion protection and mechanical resistance. Can be used as a primer in various paint systems based on unsaponifiable binders. Resists temperatures from –90°C up to +400°C under normal atmospheric exposure conditions.

- Single-pack for convenient use
- Long-term corrosion protection provided by its galvanic action
- Outstanding application characteristics
- Compatible with SIGMAWELD™ 210 weldable zinc silicate prefabrication primer

SIGMAZINC 9
Inorganic, zinc rich silicate primer

The high zinc content of SIGMAZINC 9 delivers excellent corrosion protection. It can be used as a primer in various paint systems based on unsaponifiable binders.

- One-coat steel primer, easy to apply and quick to dry
- Outstanding application properties by airless or conventional spray
- Excellent heavy-build film tolerance in corners and angles
- High metallic zinc content provides excellent galvanic action
- Temperature resistant with good impact and abrasion resistance
- Compliant with SSPC-Paint 20-level I zinc requirements
- Suitable for immersion purposes
- Depending on topcoat selected, temperature resistant up to 540°C.

- Tested in systems meeting Norsok M501 and ISO 12944

SPECIALTY PRIMERS

SIGMAZINC 19
One-component, zinc-rich epoxy repair primer

SIGMAZINC 19 is designed for the repair of two-component, zinc epoxy primers and zinc silicate primers. It can be used as a reconditioner for aged, de-rusted galvanised steel.

- Single pack for convenient use
- Good low-temperature curing
- Excellent corrosion protection
- Recoatable with two-component epoxy coatings
- High metallic zinc content
PPG PROTECTIVE & MARINE COATINGS

PPG Protective & Marine Coatings brings unrivalled levels of innovation, experience and expertise in coatings technology, supported through our expanding global supply and distributors’ network in over 80 countries.

We have in-depth knowledge of the industry, our customers’ day-to-day challenges and the environmental, health and safety standards in the marketplace. By working in close partnership with customers, our technical service representatives are able to offer an unsurpassed level of market knowledge. This enables us to respond quickly with efficient, economic solutions in all environments and industries.

The result – performance-enhancing coating systems that can be applied more easily, resist the elements more effectively, and deliver maximum performance with minimum downtime.