

PPG SIGMAPRIME® 700 HSV

**Universal, high solids epoxy primer,
certified for long-term corrosion protection**



**For use in ballast tanks,
cargo holds, oil tanks,
decks, topsides,
superstructures and hulls**

Discover more at: ppgpmc.com/marine



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PPG *Sigmaprime* 700 HSV is the latest addition to PPG's reputable *Sigmaprime* series; a range of universal primers with more than 25 years of proven performance. This robust and versatile pure epoxy primer is designed to provide long-term corrosion protection for a wide range of marine and offshore applications, making it an ideal solution to increase productivity in dry docking and new building shipyards.

The coating is particularly suitable for use in demanding vessel areas such as ballast tanks, decks, topsides, superstructures, hulls, and cargo holds and oil tanks. Its reduced Volatile Organic Compounds (VOC)* and high solids formulation drives increased environmental compliance while providing long-lasting protection and premium performance.

Key Features and Benefits

- **Excellent Water and Corrosion Resistance:** safeguarding the underlying materials from the damaging effects of moisture, saltwater and environmental factors.
- **Excellent Abrasion Resistance:** ideal for dedicated areas of application where mechanical wear and tear are prevalent, ensuring the coated surfaces maintain their integrity and appearance over time.
- **Strong Adhesion Properties:** applicable to various substrates, including steel, galvanized steel, and non-ferrous metals, enhancing the durability of the overall system.

- **Low Curing Temperature:** capable of curing at temperatures as low as -10°C (14°F)**, making it suitable for use in cooler climates and conditions. This flexibility allows for year-round application without significant delays due to temperature constraints.
- **Excellent Recoatability:** enabling the application of coating system without comprising the integrity between consecutive layers.
- **Compatibility with Other Coatings:** including most alkyd, vinyl and two-component epoxy and polyurethane coatings.
- **Cathodic Protection Compatibility:** with well-designed cathodic protection systems, ensuring that the coating systems works in harmony with other corrosion protective measures.

Sustainably advantaged formulation for improved environmental safety

Thanks to the reduced VOC, PPG *Sigmaprime* 700 HSV promotes a safe workspace for the applicators and a reduced impact on the environment*. Its application methods also require less thinning, which results in lower solvent emissions and less harmful waste. Consequently, the enhanced formulation of PPG *Sigmaprime* 700 HSV meets the global demand for more sustainable and safer coating solutions.

Third party testing and certification:

PPG *Sigmaprime* 700 HSV is certified for use in a broad range of applications, including water ballast and crude oil tanks, meeting the most demanding industry standards.

Standard	Type
MSC.215(82)	Water Ballast Tank
MSC.288(87)	Crude Oil Tank
IMO SOLAS	Low Flame Spread Material (MED B/D)
NORSOK M501:2022	3, 4, 6, 7B
ISO12944	CX, Im4
Other	Food grain certificate

For more information on the PPG *Sigmaprime* 700 HSV primer, see the Product Data Sheet available at ppgpmc.com

* compared to PPG *Sigmaprime* 700 primer

** referring to low temperature version: PPG *Sigmaprime* 700 HSV LT primer