

MARINE COATINGS

Applied technology for maximum performance



SIGMA *Cover*™ **380**

Cost-effective multipurpose epoxy primer/coating

- Ideally suited for marine new-build and maintenance of hull, water ballast tanks, topsides and decks
- Easy to apply during all seasons
- IMO PSPC approved as water ballast tank coating

SigmaCover™ 380 is a multi-purpose, anticorrosive epoxy primer coating developed to meet yard demands for a PSPC-approved and cost-effective product to protect key areas such as water ballast tanks.

Water ballast tanks constitute the single largest surface area on the vessel. It's imperative that coating systems applied not only satisfy the requirements of the shipyard, but also give the performance in service that the shipowner needs.

Recommended systems		
Area	System	Recommended dfts
Water Ballast Tanks, fore- and aft-peak tanks	SigmaCover 380	125-160 µm
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Cofferdam and void spaces	SigmaCover 380	100 µm
	SigmaCover 380	100 µm
Outside hull	SigmaCover 380	125 µm
	SigmaCover 380	125 µm
	SigmaCover 525	75 µm
	Antifouling	as required
Topsides	SigmaCover 380	125 µm
	SigmaCover 380	125 µm
	SigmaDur 550	50 µm
Bulwarks (internal)	SigmaCover 380	125 µm
	SigmaCover 380	125 µm
	SigmaDur 550	50 µm
Superstructures	SigmaCover 380	125 µm
	SigmaCover 380	125 µm
	SigmaDur 550	50 µm
Chain locker	SigmaCover 380	125 µm
	SigmaCover 380	125 µm

NOTE: the minimum specification is 2 x 125 µm. The specification decreed by the IMO PSPC rule is 2 x 160 µm. All specifications (pre- and post-IMO) include the use of stripe coatings (one or two) for sharp edges, cut-outs and weld seams.

SigmaCover 380 was originally developed for use in the demanding environment of water ballast tanks where the humid conditions are extremely conducive to the progress of corrosion. It's also highly suitable for use on other areas of the vessel, with outstanding anticorrosive properties, and can be overcoated by a wide range of systems.

The primer coating can be applied over properly prepared shop primers or on suitably prepared bare steel. Even in the demanding environment of new shipbuilding locations, SigmaCover 380 is a tried and trusted solution.

SigmaCover 380 is also resistant to the effects of properly controlled cathodic protection. Yard experience and vessel surveys have confirmed that SigmaCover 380 is ahead of competitor products in terms of:

- Ease of application
- Pot life
- Overcoatability
- Flexibility
- Impact resistance

A low-temperature version is available to ensure that SigmaCover 380 can be applied throughout the year.

IMO-PSPC type approvals with major class societies, such as: Lloyd's Register, DNV, Germanischer Lloyd, RINA, and ABS.

PPG Protective & Marine Coatings Unrivalled performance and protection

PPG Protective & Marine Coatings (PMC) is a world leader in protective and marine coatings.

We create proven products that protect customers' assets in some of the world's most demanding markets: civil building, infrastructure, offshore, petrochemical, power, rail, marine new-build, marine dry dock, marine sea stock.

Our coatings are unrivalled in performance and protection among asset owners, contractors, fabricators and applicators across the globe, helping customers meet the challenges they face today, and tomorrow.

Experience, innovation and integrity – that's what makes PMC the ideal coatings partner.

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