



PROGUARD Universal

HIGH SOLID UNIVERSAL
EPOXY PRIMER

Universal
Epoxy Primer

Good Abrasion
Resistance

High Solid



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PROGUARD UNIVERSAL is a Universal Epoxy Primer applicable for all vessel areas including Water Ballast Tank, Cargo Oil Tank, Cargo Hold and Outer Hull. High solid and can be over-coated with all types of paint with excellent adhesion.

Features:

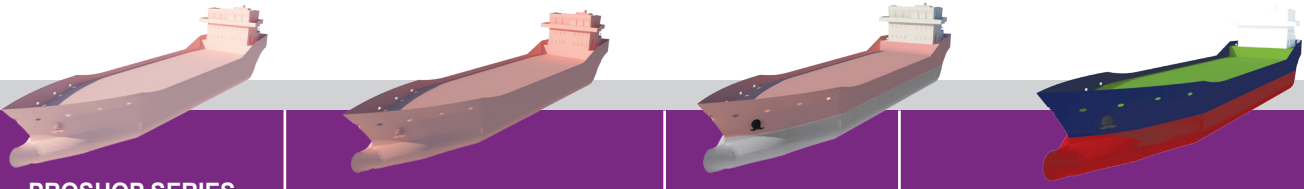
- Universal Primer Anticorrosive system
- High Solid - Low VOC Friendly Environment

PROGUARD UNIVERSAL is specially designed for all-round primer. Universal application combined with an excellent protection. Proguard Universal makes an optimum protection for your asset with maximum efficiency.

PROGUARD UNIVERSAL has excellent adhesion properties for a wide range of substrates such as:

- Ferrous
- Galvanized Steel
- Stainless Steel
- Aluminium
- Shopprimer

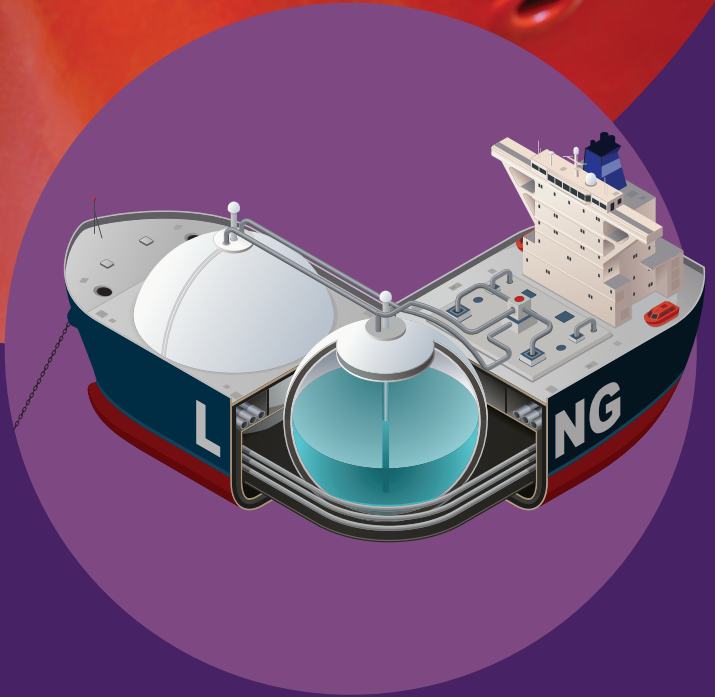
Paint Specification



PROSHOP SERIES EPP-20102/EPP-20112		1 st Coat	2 nd Coat	Finish Coat
Under Water External Hull	PROGUARD UNIVERSAL EPP-20200	150 - 200 µm	PROGUARD UNDERCOAT EPU - 30101 100 - 150 µm	PROMASTER SERIES / SYLMASTER SERIES *Required DFT please consult Propan's Sales Representative
Top Side Area		150 - 200 µm		PROTHANE or PROGUARD Topcoat 50 - 100 µm
Deck Area		150 - 200 µm		PROTHANE or PROGUARD Topcoat 50 - 100 µm
Water Ballast Tank Cargo Oil Tank		150 - 200 µm	PROGUARD UNIVERSAL EPP - 20200 125 - 150 µm	
Superstructure Area		100 - 150 µm		PROTHANE or PROGUARD Topcoat 50 - 100 µm
Cargo Hold		100 - 250 µm	PROGUARD UNIVERSAL EPP - 20200 125 - 150 µm	

Product Data

		PROGUARD UNIVERSAL EPP - 20200	PROGUARD UNDERCOAT EPU - 30101	PROGUARD PRIMER EPP - 20000
Mixing Ratio (by Volume)		4 : 1	5 : 1	6 : 1
Colors		Red Oxide, Light Grey	Grey	Red Oxide, Light Grey
Film Thickness	WFT	197 - 263 µm (8.0 - 10.7 mills)	161 - 201 µm (6.6 - 8.2 mills)	166 - 200 µm (6.7 - 8.1 mills)
	DFT	150 - 200 µm (6.1 - 8.1 mills)	100 - 125 µm (4.1 - 5.1 mills)	125 - 150 µm (5.1 - 6.1 mills)
Volume Solid		76 %	62 %	75 %
Theoretical Coverage @ 150 µm		5.1 m ² /Lset	4.13 m ² /Lset	5 m ² /Lset
VOC		264 g/L	330 g/L	383 g/L
Drying Time		Hard Dry 3.5 - 4 Hours	Hard Dry 4 - 5 Hours	Hard Dry 4 - 5 Hours



 **propan**
The Paint Specialist

