



AQUA SEALER

Your Eco Practical Coating

PRODUCT CHARACTERISTICS

A low viscosity, non-solvent type 100% volume solid epoxy coating with excellent adhesion to steel, concrete, metal to metal and non-ferrous metals such as aluminum, stainless steel, titanium FRP and even glass. It can be applied in harsh and adverse conditions for e.g., tidal zone areas, underwater applications and also to oily surfaces which gives simplicity of application to the applicator with minimum surface preparation. Versatile in which it can be applied onto wet or dry surfaces and displays excellent adhesion and compatibility to other coatings. Contains Zirconium and is suitable for rebuilding pitted surfaces up to 5mm. Solvent free system that is ideal for use for interior of drinking water tanks. The coating is suitable for use on the floor and interior for the food processing and manufacturing industry, Oil & Gas and power industry.

RECOMMENDATION OF USE

To apply on to any surface that does not exceed 150°C except for rubber and thermoplastic. Can be used as a single coat system or in multiple applications from 150 to 1000 micron. For use as a Primer from 50 to 70 micron (allow to cure for 24 hours before any solvent based coating is applied over). It also has excellent performance to concrete floor with unique property of surface tolerance.

PRODUCT INFORMATION

Colour	Black, Green, Grey Yellow and White
Packing Size	16 Lit pack
Non-volatile Content	100%
Mixing Ratio	Epoxy and Hardener (5:1) by weight only
Full Cure	30°C in 48 hours
Pot Life	30 to 40 minutes at 30°C
Touch Dry	3 hours with walkover of 4 to 8 hours at 30°C
Temperature Resistance	5°C - 150°C (During Application)
Temperature Resistance	-20C - 150°C (After Full Cure)
Chemical Resistance	75% H ₂ SO ₄
Volume Solid	100%
Recommended DFT	100 - 200 µm
Coating Layer	1-2
Theoretical Coverage	10m ² /litre (at DFT 100µm) *Allow for application losses and surface irregularities
Shelf Life	At least 24 months when stored in sealed containers

PHYSICAL PROPERTIES

No.	Type of Tests	Test Method	Results
1	Resistance to Organic Coatings to the effect of Rapid Deformation	ASTM D2794	(Kilogram-meter) at the impact failure end point - 911g (2Lbs)- More than 65 cm.
2	Abrasion Resistance of Organic Coatings by the Taber Abraser	ASTM D4060	Wear Index = 20 (20mg/1000cycles/1kg)
3	Pull-Off Strength of Coatings using Portable Adhesion Testers	ASTM D4541	More than 6.0N/mm ² (870psi)
4	Cyclic Salt Fog / UV Exposure of Painted Metal (Alternating Exposure in a Fog/Dry Cabinet and a UV/ Condensation Cabinet)	ASTM D5894	Rust Grade 9G* (% of Surface Rusted-Greater than 0.01% and up to 0.03%)

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APPLICATION DATA

Method	-	Airless spray, Air Spray (Pressure Pot)roller brush Airless spray : point tip size - 0.017 - 0.021 inch
Thinner	-	TH002-mix only when pot life need to be increased (45 - 50)
Cleaner		add 3% -5% Xylene
Over-coating interval	-	Can be over-coated when touch dry.
Mixing	-	Mix components thoroughly and allow 5 mins before painting
		For drinking water application, thinner is not recommended

ENVIRONMENTAL CONDITIONS

Blasting or application should NOT be carried out when:

- Relative humidity is >95%
- Substrate temperature should not be below 4°C.

GRE RECTIFICATION



BEFORE



AFTER



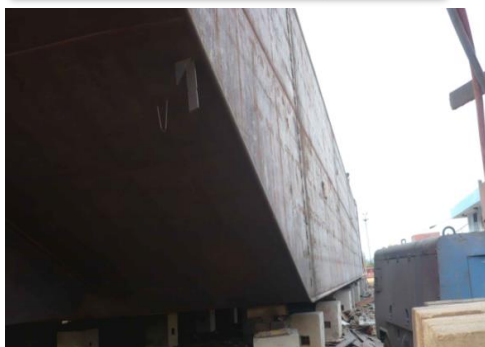
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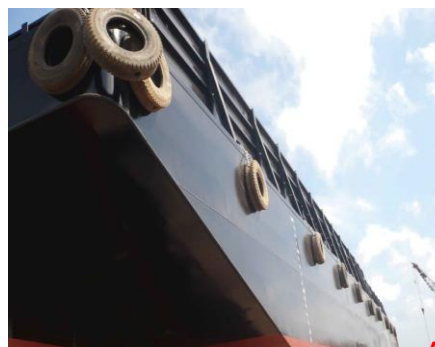
AFTER



BARGE COATING



BEFORE



AFTER



AQUA SEALER

Your Eco Practical Coating

HOT LINE VALVE & FLANGE WITH AQUA SEALER COATING



BEFORE



AFTER



FRP TANK - AQUA SEALER COATING



BEFORE



AFTER

JACKET LEGES



BEFORE



AFTER



BEFORE



AFTER



AQUA SEALER

Your Eco Practical Coating

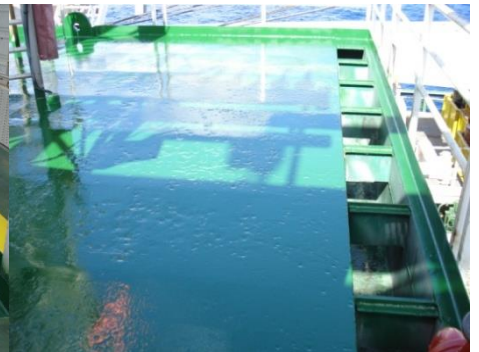
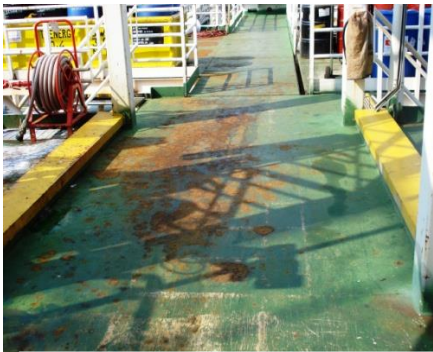
MAINTENANCE PAINTING



BEFORE



AFTER



VESSEL INTERNAL COATING



BEFORE



AFTER

HOT PIPES LINES



AFTER

UNDER WATER- JETTY PILES APPLY WITH AQUA SEALER

