EgisAtlantic is high-performance, purely self-polishing, 2003 IMO-compliant, next generation and revolutionary developed low friction type TBT-free antifouling paint based on a hydrolyzing organosilyl polymer as a binder. This product ensures maximum protection for any type of oceangoing and coastal vessels under broad range of marine fouling organisms with its unique formation, and guarantees no effect on the marine environment.

Culmination of years of research and development into the correct TBT-free solution and proven field experiences enable KCC to provide the right choice of protection of the vessels to the customers.

Recommended use	Where long life service of anti-fouling property to be required. Hull outside of new building or repair ship operating the area where organotin compounds are banned or restricted.

Physical Properties

Finish and Color	Flat. Red Brown, Dark Brown.
Specific gravity	Approx. 1.70
Solids by volume	Approx. 50% (Determined by ISO 3233)
Spreading rate (Theoretical)	4.0 ㎡/L in 125 ㎛ dry film thickness on a smooth surface.
Flash point	26 ℃/79 °F (Closed cup)

Application details

Surface preparation	Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc.
Preceding coat	Korabor Aluminum H.B RH248, Kovinyl Sealer VH137AL, Korepox H.B. EH2560 or according to specification. * Tar bleeding may occur from Korepotar H.B. EH173S, etc. This effect is only cosmetic and has no negative influence on the antifouling performance. * Renewal : High pressure fresh water hosing to remove salt deposits and other contaminants. Allow surface to dry before recoating with EgisAtlantic.
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application ; Nozzle orifice : 635 ㎛ ~ 787 ㎛ (0.025″ ~ 0.031″) Output pressure : 20.7 MPa ~ 24.1 MPa Fan : 60 ° (Airless spray data are indicative and subject to adjustment)
Thinning	Thinner No. 002
Application conditions	The surface should be completely cleaned and dried. Do not apply when relative humidity is above 85 %. The Surface temperature should be at least 2.7 ℃ (5 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation

Film thickness	100 ~ 160㎛ dry. Two (2) or three (3) coats are recommended with different color of consecutive coats. May be specified in another film thickness than indicated depending on purpose and the area.

Drying time

Substrate temperature	5 ℃/41 °F	20 ℃/68 °F	30 ℃/86 °F
Set to touch	8 h	2h	2h
Dry through	24h	12h	8h

* The actual drying time is subject to the film thickness, ventilation, humidity etc.,
and drying time under other temperature conditions should be checked and informed by KCC.

Recoating interval	At 20 ℃/68 °F, Minimum : 6 h Maximum : Free Before overcoating, remove the oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

Storage and package

Shelf life	12 months
Packing Unit	15 L, 18 L

Remarks

Note	Avoid contact with skin and inhalation of paint mist or solvent vapor. In case of eye contact, the eyes should be rinsed immediately by fresh water continuously for at least 15 minutes. Doctor's advice is recommended. In case of skin contact, the exposed area should be cleansed thoroughly with soap and water. Contaminated clothing should be removed and laundered with soap and water before reuse. In case of ingestion, swallow promptly a large quantity of milk, egg white or gelatin as a first aid. (If these are not available, drink a large quantity of water instead.) And obtain immediate medical attention.
1'st issue	2011-07-01
Revision	2016-11-17