Coating system for heavy constructions: pipelines, external painting of containers/tanks. Designed for severe corrosive environment and chemical factories.

Substrate: Steelwork							
Environment: C5 I/M (defined in ISO12944-2:1988). Very high corrosivity – marine and industrial environment							
System characteristics: anti-corrosive protection and UV stable							
Durability: 5 - 15 years (defined in ISO12944-2:1988) – life to first major maintenance **							
Surface preparation: blast clean to Sa2.5 BS EN ISO 8501-1:2007; within the range 50-75 microns typical							
System component	**Layer №**	**Solid content (%)**	**Dry Film Thickness (microns)**	**Dry time to overcoat (min/max)**	**Solvent**		**Coverage L/m²**
EPOXAD HB 500/9	1	55%±2%	100 µm	12 hours – 90 days	116	5%-15%	≈ 7
EPOXAL HB 10-41	2	70%±2%	150 µm	12 hours – 90 days	116	5%-15%	≈ 4,8
EPOGLASS SP	3	65%±2% depending on the shade	50 µm	24 hours	114	10%-15%	≈ 12
Total dry film thickness (microns): 300 µm							

Please note that the use of "Epolac's" products must strictly comply with the instructions on the last page.

* The recommendations provided on this page are based solely on theoretical laboratory calculations, provide general information and constitute an initial basis for choosing proper coating system. Practical data in the field, such as surface preparation, number and thickness of applied layers, weather conditions, environment, affects on coating's duration. Epolac company is not responsible for the systems which are not implemented according to the technical data/instructions and under the guidance of the Epolac.

** ISO12944 regulates that durability is not guarantee time and should be considered as the coating life time to the first major maintenance.

Instructions & notes:

- All information provided below is mandatory and applies to all products / system. "Epolac" company is not responsible for any damage caused due to non-compliance with the instructions in this manual.
- Please read the safety instructions in the product data sheet
- Please read the instructions on the product packaging.
- Do not paint construction within the expected rainfall period, which can lead to incomplete drying of the coating.
- The coating of metal constructions should be carried out at a temperature of 10-50˚C
- Do not paint at temperature below 10 C˚ and humidity above 85%
- The coating process should occur at a temperature of at least 3˚C above the dew point.
- All specified thicknesses are nominal, as defined in ISO 12944-5.
- At the painting of metal constructions, the specified drying time between layers is calculated at a metal temperature of 10-50˚C
   In case of different temperatures please contact us.
- Applying the coating please ensure that air comes without oil and water
- Applying the coating, spray conditions (wind, distance from the gun etc) should be adjusted to the maximum reduction of excess pressure.
- All paints / coatings are intended for professional use only.
- Do not use materials not recommended by "Epolac" company in writing.
- It is recommended to keep a log of work, including environmental conditions (temperature, humidity, etc.), surface preparation, materials, mixing ratios, preparation and application, thickness, drying time etc.
- "Epolac" does not provide supervision / control services. "Epolac" could conduct the instruction of clients and executors.
- ISO12944 regulates that durability is not guarantee time and should be considered as the coating life time to the first major maintenance.
- Coated steelwork should be protected to prevent prolonged contact with water (ponding)
- STRIPE COAT edges, welds due to difficult access in order to ensure full film thickness. Apply an additional layer of STRIPE COAT with a minimum dry film thickness of 60μm.
  The application of the STRIPE COAT layer takes place 16-24 hours after the previous layer has dried. The application of the next layer on top of the STRIPE COAT layer takes place 1-2 hours after.
- For any technical questions please contact our technical service: +972-4-6518851.