



Rev. 1 10/2017

FEATURES

: EPOGUARD 100 is a high build epoxy tank coating.
 : As a epoxy tank coating for interior. It has chemical resistance to salt-water, fresh water, petroleum products crude oil, alkali and weak acid.

TECHNICAL INFORMATION

Type : Epoxy high build for interior tank containing
 Color : White and Grey
 Film appearance : Matt
 Specific gravity : 1.40 ± 0.05
 Solid by volume : 59 ± 2 %
 Flash point : 21 °C

		Minimum	Maximum	Recommended
Dry film thickness	(Microns)	100	125	100
Wet film thickness	(Microns)	169	212	170
Theoretical coverage.	m ² / Liter	5.9	4.7	5.9
	m ² / Gallon	22.3	17.9	22.3
Practical coverage.	m ² / Liter	5.3	4.2	5.3
	m ² / Gallon	20.0	16.0	20.0

Remark : Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated.

	Temperature	25 °C	30 °C	35 °C
Touch dry	Surface dry	1 hr.	30 mins	20 mins
	Hard dry	10 hrs.	6 hrs.	4 hrs.
Recoat dry	Minimum	10 hrs.	6 hrs.	4 hrs.
	Maximum	7 days	5 days	4 days
Potlife		4 hrs.	3 hrs.	2 hrs.

Remark : Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

APPLICATION

Mixing Ratio	Part A	Part B	
By Volume	4	1	
By Weight	85	15	
Application Method	Airless Spray	Air Spray	Brush / Roller
Diluted by TOA Thinner 12	5-10	15-20	10-15
Applicator	Graco 419 Graco 412	Coventional Spray (Iwata)	Short Hair Stiff Nylon Roller (Stanley) Stiff Nylon Brush
Pressure	150-180 kg/cm ²	3-4 kg/cm ²	-



HEALTH AND SAFETY

- : Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.
- : For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Safety Data Sheet.

DISCLAIMER

- : The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.