



**SHALIMAR  
PAINTS**

# MARINE GUARD

## PROTECTIVE COATINGS

### EPIGARD MARINE FINISH

Data Sheet No. SPL/PMG/MAR2020001

A high performance, two-component Amine adduct cured epoxy glossy enamel specially formulated by using selected weather and chemical resistant pigments. It forms the finish coat in heavy duty coating systems for metal and masonry surfaces for exterior and interior. The coating remains unaffected by many corrosive chemicals and solvents and renders durable finish in industrial and marine atmosphere. The product acts as a tough abrasion resistant barrier coat with excellent resistance to moisture. It is widely used with a suitable primer and intermediate painting system suitable for decks topside Ballast tanks.

#### Product Information

<b>Color</b>	Selected Range
<b>Finish</b>	Glossy
<b>Flash Point</b>	Above 20°C
<b>Mixing Ratio (By Volume)</b>	Base : Accelerator 9 : 1
<b>Volume Solids</b>	55 ± 3%
<b>Recommended dry film thickness</b>	40-50 microns
<b>Corresponding wet film thickness</b>	73-91 microns
<b>Theoretical Spreading Rate</b>	13.75 -11.00 Sq.m/ltr
<b>Drying time</b>	Surface dry 2 - 4 hours Handleable 8 hours Full cure 7 days
<b>Interval before Over-coating</b>	Minimum – 18 hours Maximum – 7 days For optimum inter coat adhesion overcoat within 48 hours
<b>VOC</b>	374 gm/ltr (EPA Method 24)
<b>Storage Life</b>	Up to 12 months so long as the material is stored in sealed containers under standard warehouse storage condition
<b>Dry Heat Resistance</b>	Up to 150°C (Intermittent)

#### Uses

Used as Top coat for the decks, topside, bottom side, super structure of the fishing boats.

#### Surface Preparation

##### Steel Surface

Surface must be clean, dry & free from contamination. Prior to paint application, all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Abrasive blast clean to SA 2½ is recommended.

*For Damage area rectification and hand tool and power tool cleaning contact the Technical team of Shalimar Paints Limited*

#### Application Details

##### Method of Application

Brush / Roller / Spray

##### Notes on Airless Spray

Tip Range	15 – 21 thou.
Total Output	3000 psi.
Fluid Pressure	(210 kg/sq.cm.)
Pot Life	6 - 8 hours
Thinner	Thinner 6756

#### Limitations

The finish tends to chalk when exposed to sunlight although protective properties of the film remain practically unaffected.

### System Selection Guide

SURFACE	1 <sup>ST</sup> COAT	2 <sup>ND</sup> COAT	3 <sup>RD</sup> COAT	4 <sup>TH</sup> COAT
- Do -	MARINE GUARD 128	MARINE GUARD 125	EPIGARD MARINE FINISH RED/BLUE	EPIGARD MARINE FINISH RED/BLUE
- Do -	MARINE GUARD 163	MARINE GUARD 125	EPIGARD MARINE FINISH RED/BLUE	EPIGARD MARINE FINISH RED/BLUE

### Chemical Resistance Guide (with suitable top coat)

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
SPLASH & SPILLAGE	Good	Good	Excellent	Excellent	Excellent
FUMES & OUTDOOR EXPOSURE	Good	Good	Excellent	Excellent	Excellent

### Health & Safety

Please refer to the separate data sheet available with detailed information.

### Precaution

Provide adequate ventilation during application and drying. For proper curing of film, ambient temperature should not be lower than 10°C.

### Standard Pack Size

10 & 20 litres - For available pack size contact local representative of Shalimar Paints Limited

#### NOTES:

1. This Product datasheet supersedes all previous datasheet and subject to change without prior notice
2. Do not apply when surface temperature is less than 3 °C than dew point.
3. Mixing with mechanical agitator is strongly recommended
4. Use material within stipulated pot life
5. Do not apply paints when environment temperature rises above 50 °C or when relative humidity rises above 85%. Do not apply during rain, fog or mist.
6. Use of thinners other than supplied or approved by Shalimar may adversely affect product performance
7. Drying is dependent on temperature, relative humidity and thickness; ranges is given for considering those parameters
8. System Guide is a typical and for indicative purpose only, however this can have wide range of combination. For details, please contact Shalimar Paints limited
9. Request for details information of surface preparation, paint application on the recommended coating system

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