



**SHALIMAR  
PAINTS**

# MARINE GUARD

## PROTECTIVE COATINGS

### MARINE GUARD 125

Data Sheet No. SPL/PMG/MAR2020002

A two pack polyamide cured high solid epoxy coating. Designed for application on structural steel as an intermediate or finish coat exposed to aggressive coastal and industrial environment. It is ideal for application in areas where higher thickness is required for achieving optimum performance. The product acts as a tough abrasion resistant barrier coat with excellent resistance to moisture. It is widely used as maintenance primer. This is a primer system suitable for decks topside Ballast tanks

#### Product Information

<b>Color</b>	White
<b>Finish</b>	Matt
<b>Flash Point</b>	Above 23°C
<b>Mixing Ratio (By Volume)</b>	Base : Accelerator 4 : 1
<b>Volume Solids</b>	62 ± 2%
<b>Recommended dry film thickness</b>	75-125 microns
<b>Corresponding wet film thickness</b>	121-201 microns
<b>Theoretical Spreading Rate</b>	8.26-4.96 Sq.m/ltr per coat
<b>Drying time</b>	Touch dry 4 – 6 hours Hand dry 18 - 24 hours Full cure 7 days
<b>Interval before Over- coating</b>	Minimum 18 hours Maximum Indefinite
<b>VOC</b>	310 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)

#### Surface Preparation

##### Steel Surfaces

Degrease and blast clean to Sa 2½ grade minimum of Swedish specification SIS - 05 - 5900 - 1967. If blast cleaning is not practical make full use of mechanical tools along with manual cleaning and wire brushing to remove loose rust / scale to St 2 or St 3 grade of Swedish specification. Surface should be perfectly clean and dry before application of Marine guard 125.

#### Application Details

##### Method of Application

Conventional / Airless Spray  
Brush and roller for touch up painting

##### Notes on Airless Spray

Tip Range	Automatic - 21 - 26 thou. Manual - 15 – 21 thou.
Total Output Fluid Pressure	1500 – 2500 psi. (106 - 176 kg/sq.cm.)
Pot Life	2-4 hours
Thinner	Thinner 6756

#### Uses

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

## System Selection Guide

SURFACE	1 <sup>ST</sup> COAT	2 <sup>ND</sup> COAT	3 <sup>RD</sup> COAT	4 <sup>TH</sup> COAT
Steel	MARINE GUARD 163	MARINE GUARD 125	SHALISPEED ANTIFOULING PAINT RED	SHALISPEED ANTIFOULING PAINT RED
- Do	MARINE GUARD 128	MARINE GUARD 125	SHALISPEED ANTIFOULING PAINT RED	SHALISPEED ANTIFOULING PAINT RED
- 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
<b>SPLASH &amp; SPILLAGE</b>	Good	Good	Excellent	Excellent	Excellent
<b>FUMES &amp; OUTDOOR EXPOSURE</b>	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

4 & 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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