



**SHALIMAR
PAINTS**

MARINE GUARD

PROTECTIVE COATINGS

MARINE GUARD 128

Data Sheet No. SPL/PMG/MAR2020003

A two pack phenalkamine cured epoxy high build universal primer with a high level of anti-corrosive Zinc phosphate pigment loading for excellent protection to steel in severely corrosive environment. It is ideal for application in areas where higher thickness is required for achieving optimum performance. This is a primer system suitable for decks topside Ballast tanks

Product Information

Color	Yellow green
Finish	Eggshell
Flash Point	Above 20°C
Mixing Ratio	Base : Accelerator 4 : 1 (By Volume)
Volume Solids	58% approximately
Recommended dry film thickness	75 - 100 microns per coat
Corresponding wet film thickness	129-172 microns
Theoretical Spreading Rate	7.73 -5.80 Sq.m/ltr per coat
Drying time	Surface dry 2 - 3 hours Handleable 4 - 6 hours Full cure 7 days
Interval before Over-coating	Minimum – 18 hours Maximum – 7 days
VOC	353 gm/lts as per EPA Method 24
Storage Life	Up to 12 months so long as the material is stored in sealed containers under standard warehouse storage condition
Dry Heat Resistance	Up to 150°C (Intermittent)

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
Airless spray recommended for getting uniform and high film build

Notes on Airless Spray

Tip Range	21 – 26 thou.
Total Output Fluid Pressure	2500 – 3000 psi. (176 - 210 kg/sq.cm.)
Pot Life	3 - 5 hours
Thinner	Thinner 6756

Uses

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

System Selection Guide

SURFACE	1 ST COAT	2 ND COAT	3 RD COAT	4 TH COAT
Steel	MARINE GUARD 128	MARINE GUARD 128	MARINE GUARD 125	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
SPLASH & SPILLAGE	Good	Very Good	Excellent	Excellent	Excellent
FUMES & OUTDOOR EXPOSURE	Good	Very Good	Excellent	Excellent	Excellent

Health & Safety

Use Proper Personal Protective Equipment(PPE) during application of this product.

Please consult Material Safety Datasheet (MSDS).

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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