



**SHALIMAR  
PAINTS**

# TUFFKOTE

## PROTECTIVE COATINGS

### EPIGARD PW 1000

Data Sheet No. SPL/PMG/202103160011

A two component high build, heavy duty, 100 % solid special amine cured epoxy paint. Product is especially used to provide corrosion protection for internal steel pipe line and storage for potable water. Product applied in new construction as a single coat for long term protection. It is formulated for potable water & not to pickup any test or odour on storage in steel tank & pipes.

### Product Information

<b>Color</b>	Red & Selected range									
<b>Finish</b>	Glossy									
<b>Volume Solid (By Volume)</b>	100%									
<b>Mixing Ratio (By Volume)</b>	Base : Accelerator 3:1									
<b>Recommended Dry Film Thickness</b>	300 - 500 microns									
<b>Drying Time</b>	<table border="1"><thead><tr><th></th><th>@30°C</th><th>@40°C</th></tr></thead><tbody><tr><td>Touch Dry</td><td>6hrs</td><td>1hr</td></tr><tr><td>Hard Time</td><td>16hrs</td><td>8hrs</td></tr></tbody></table>		@30°C	@40°C	Touch Dry	6hrs	1hr	Hard Time	16hrs	8hrs
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Touch Dry	6hrs	1hr								
Hard Time	16hrs	8hrs								
<b>Flash Point</b>	Greater than 101°C									
<b>Pull Off Adhesion</b>	10 - 12 Mpas as per ASTM D 4541/ISO 4624									
<b>Shore D Hardness Pot life</b>	65 (min.) as per - ASTM D 2240 1 hour @ 25°C 30 minutes @ 40°C									
<b>Storage</b>	12 months minimum @ 30°C if stored in a dry & sealed container at shaded condition away from heat source and ignition									

### Surface Preparation

#### Steel Surface

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

It is always recommended to apply suitable primer coat before application of this product. Ensure surfaces to be coated is dried and followed overcoating interval and if required sufficiently roughened by emery paper.

This product can be applied over Hand & Power tool cleaning to St2 & St3.

*For damage area rectification contact the Technical team of Shalimar Paints limited.*

### Application Details

#### Method of Application

Brush / Roller / Spray

#### Notes on Airless Spray

Tip Range	21 – 25 thou.
Total Output	2100 – 2700 psi.
Fluid Pressure	(147- 196 kg/sq.cm
Pot Life	6 - 8 hours
Thinner	Thinner 6756

### Uses

Internal MS pipe coating ,Interior tank Lining

## Typical 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	EPIGARD PW 1000	EPIGARD PW 1000	-	-

## Chemical Resistance Guide (with suitable top coat)

EXPOSURE	Acids	Alkalis	Solvents	Salt	Water
<b>SPLASH &amp; SPILLAGE</b>	Good	Excellent	Excellent	Excellent	Excellent
<b>FUMES &amp; OUTDOOR EXPOSURE</b>	Good	Excellent	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. Clean Spray gun equipment and hose immediately after application of material.

## Standard Pack Size

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 potlife*
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*

*DISCLAIMER: This PDS is by no means a comprehensive data. The company will not be liable for losses or damages howsoever caused including liability for negligence, which may be suffered by the user of the data contained therein. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of result is extended since conditions of use are beyond our control. Liability is limited to replacement of the product hence cost of labour charges or consequential damages are excluded.*