

## Pentadur XL CTE 8518

### PRODUCT DESCRIPTION

**PENTADUR XL COALTAR EPOXY 8518** is a two component Coal tar epoxy paint which cures to a tough and flexible coating Resistant to river & sea water, mineral oil, etc. Its high sag resistance makes it application to higher thickness in one coat

### INTENDED USES

For a long term protection of steel and concrete in moderately to severely corrosive environment such as sheet pilings, Water pipelines exterior, void spaces, chain lockers, waste water & sewage treatment plants, Dam gates, Penstock pipes & other water pipeline interiors and buried locations etc.. also suitable for Interior of storage tanks of DM water, Process water etc

### PRACTICAL INFORMATION FOR Pentadur XL CTE 8518

<b>Color</b>	Black / Brown
<b>Gloss Level</b>	Semi Glossy
<b>Volume Solids</b>	68% ± 2%
<b>Typical Thickness</b>	100-150 microns
<b>Theoretical Coverage</b>	4.5- 6.8 m <sup>2</sup> /liter at 100-150 microns D.F.T. at stated volume solids
<b>Practical Coverage</b>	Allow appropriate loss factors
<b>Method of Application</b>	Airless spray, Brush

### Drying Time & Over Coating Intervals.

Temperature	Surface Dry	Hard Dry	Over coating Interval of <b>Pentadur XL CTE 8518</b>	
			Minimum	Maximum
25°C (77°F)	4 hours	24 hours	16 hours	30 days
35°C (95°F)	3 hours	16 hours	10 hours	30 days

### REGULATORY DATA

Flash Point	Base (Part A) 36°C (97°F)	C/A (Part B) 31°C (88° F)	Mixed 35°C (95°F)
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### SURFACE PREPARATION

New Steel: Abrasive blasting to Sa 2½. for temporary protection. If required use a suitable shop primer. All damages to shop primer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use PENTADUR COALTAR EPOXY 8518.

REPAIR AND MAINTENANCE Remove salt and other contaminants by high pressure fresh Water hosing. Clean damaged areas thoroughly by abrasive blasting or power tool cleaning. Feather the edges to sound and intact. Touch up to full film thickness.

### APPLICATION

<b>Mixing</b>	Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified. (1) Agitate Base (Part A) with a power agitator. (2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator		
<b>Mix Ratio</b>	5 parts	:	1 parts by volume
<b>Working Pot Life</b>	15° C (59° F) 10 hours	25°C (77°F) 8 hours	40° C (104° F) 4 hour
<b>Airless Spray</b>	Recommended	- Tip range 15-19 thou - Total output fluid pressure at spray tip not Less than 176 kg/cm <sup>2</sup> (2,900 p.s.i)	
<b>Brush</b>	Recommended	Typically 125-150 microns	
<b>Thinner</b>	Thinner 145	Do not thin more than allowed by local Environmental legislation.	
<b>Clean Up</b>	Clean up all equipment immediately after use with Thinner 145. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. All surplus materials and empty containers should be diagnosed of in accordance with appropriate regional regulations / legislation.		

### SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data sheets (MSDS) which Grauer & Weil India Ltd has provided to its customers.

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety and Environmental standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

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If in doubt regarding the suitability of use of this product, consult Grauer & Weil India Ltd for further advice.

### PACK SIZE

20 litres unit

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### STORAGE

Shelf Life 12 months minimum at 25 deg C (77 deg F). Store in cool & Dry place

### Disclaimer

*The data provided in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. While we endeavor to ensure that all advice we give about the product either in this sheet or otherwise is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.*

*Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product. The information contained in this sheet is liable to Change from time to time in the light of experience and our policy of continuous product development.*

*It is the user's responsibility to check that this sheet is current prior to using the product. Issue date : April 2010*