



# BERGER

# PRODUCT SPECIFICATIONS

## EPILUX UHB

Ultra High Build Epoxy Finish

### PRODUCT DESCRIPTION

A two component, ultra high build epoxy coating specially formulated for buried pipelines and splash zone areas.

### DESIGN FEATURES

Excellent anti-corrosive barrier properties.  
 Good abrasion resistance.  
 Excellent adhesion to blasted steel surface  
 Excellent Cathodic disbondment resistance  
 Most suitable for buried pipelines coating, splash zone & partially immersed structures

### PHYSICAL CHARACTERISTICS

Recommended Application Data	Wet [ $\mu\text{m}$ ]	Dry [ $\mu\text{m}$ ]	$\text{m}^2/\text{l}$
	Theoretical Coverage	1065	1000
Volume solids	94 $\pm$ 3 % (based on ASTM D2697)		
Dry Film Thickness Range	500 $\mu\text{m}$ to 1500 $\mu\text{m}$		
Flash Point	>28°C		
Finish	Low Sheen		
Colour Range	Off White		
Standard Packing Size	20 litres set (13.67 litres Base : 6.33 litres Hardener)		
Mix Ratio ( by volume )	2 Base : 1 Hardener		

### APPLICATION METHOD

AIRLESS SPRAY	Tip Size : 0.58mm – 1.04mm (Remove filter during airless application)
Recommended method of application	Pressure : 280 –310 kg/cm <sup>2</sup> (4000 – 4500 psi)
BRUSH OR ROLLER	May be used. However, additional coats may be required to achieve the recommended film thickness. Suitable for stripe coating, weld-seams, edges, corners, rivets, etc.

### DRYING & CURING TIME

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval		Pot Life
			Minimum	Maximum	
15 °C	8 hours	36 hours	36 hours	72 hours	4 hours
25 °C	6 hours	24 hours	24 hours	48 hours	2 hours
35 °C	3 hours	12 hours	12 hours	36 hours	1 hour

### USEFUL INFORMATION

THINNER	: Not recommended
CLEANER	: SOLVALUX 7-77
STORAGE	: Store in a cool dry shaded area.
SHELF LIFE AT 25 °C	: 12 months minimum when stored as prescribed in the MSDS.



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## SURFACE PREPARATION

The service life span and the service performance of EPILUX UHB are directly related to the degree of surface preparation.

### STEEL

- EPILUX UHB should be immediately applied to a surface that has been blast cleaned to a minimum surface preparation standard of Sa2½ (ISO 8501-1:1988) or SSPC-SP10, with an average surface profile of 75 – 100 microns
- For maintenance application ensure that the surface to be over-coated is clean, dry, free from dust, grease, oil, or any other surface contaminants. Fresh water wash to remove all soluble salts.
- Always ensure that the maximum over-coating time for Epilux UHB, is not been exceeded prior to application.

<b>SUITABLE FINISH COATS</b>	Luxathane 5075, Luxathane 5150HS, Luxathane 5000 HB, Epilux 4, Epimastic 5100, Luxol 5000, Steelshield 1200, Steelshield 1100, Epimastic 3000HS, Epilux 58HS, Epilux 218.
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## NOTES

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- Common to all epoxies this product will experience chalking on prolonged exposure to sunlight. However, this phenomenon is not detrimental to coating performance.
- Exposure to very low temperatures, high humidity or water ponding during and/or immediately after application may result in incomplete cure and/or discolouration that may compromise subsequent intercoat adhesion.

## SAFETY PRECAUTION

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.

Ensure that there is adequate ventilation in the area where the product is being applied.

Do not breathe in vapour or spray mist.

This product is flammable. Keep away from sources of ignition. Do not smoke.

Take precautionary measures against static discharge.

In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

## FIRST AID

**Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.

**Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.

**Inhalation** : Remove to fresh air, loosen collar and keep patient rested.

**Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

## DISCLAIMER

*The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development*