

PRODUCT DESCRIPTION

A high build Epoxy/ Polyamine containing epoxy pitch that can be applied up to 400 microns in one coat.

- Compatibility with cathodic protection.
- Can be applied to blast cleaned steel or to an epoxy primer.
- Good abrasion resistance.
- Resistant to severe atmospheric conditions.

DESIGNED USE

- For steel and concrete in continuous and intermittent immersion in fresh and salt water.
- For the protection of ballast water tanks.
- Suitable as topcoat for upto C5 Environment as per ISO12944 Part 2.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	92 % \pm 2 %
TYPICAL DRY FILM THICKNESS	200 microns
WET FILM THICKNESS	217 microns
THEORETICAL COVERAGE	4.6 m ² /litre @ 200 microns DFT
VOC "As Supplied" (Based on ASTM D3960)	240 gms/ltr
COLOUR	Black & Brown
FINISH	Low Sheen

APPLICATION DETAILS**METHOD OF APPLICATION :****AIRLESS SPRAY**

This is the recommended method of application:
Maximum 5% Thinner may be added.
Tip Size: 0.48 - 0.58 mm (0.019 - 0.023 in)
Pressure: 130 - 180 kg/cm² (1800 – 2500 psi)

BRUSH OR ROLLER

May be used for difficult shapes or touch-up.
However, additional coats may be required to achieve the recommended film thickness.

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Re coating Interval		Pot Life
			Minimum	Maximum	
15°C	12 Hrs	30 Hrs	12 Hrs	96 Hrs	10 Hrs
25°C	6 Hrs	16 Hrs	8 Hrs	48 Hrs	5 Hrs
35°C	3 Hrs	10 Hrs	4 Hrs	24 Hrs	3 Hrs
45°C	1½ Hrs	6 Hrs	3 Hrs	18 Hrs	1½ Hrs

NO. OF COMPONENTS Two

Mixing Ratio 3 parts Base to 1 part Hardener (by volume)

Application Conditions Do not apply this product if the Relative Humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point

ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Solvalux 7-45(Add only after Base and Hardener have been mixed completely)
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed 50°C
Packaging	5 liters & 20 liters
Shelf Life	12 months from the date of manufacture.

**SURFACE
PREPARATION****STEEL**

This product should be applied to a surface has been blast cleaned. It can be applied either directly to steel or to a suitably primed surface (e.g. EPILUX or ZINCANODE Primers).

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPL.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface.
- Abrasive blast clean to a minimum standard of Sa 2½ Swedish Standard SIS 05 59 00 or ISO 8501-1 : 1988
- Any surface defects revealed by blast cleaning should be ground, filled or treated in a suitable manner.
- An average surface profile of 50 microns is acceptable, but this average should not exceed 75 microns.
- After blasting, remove dust from the surface.
- The surface to be coated must also be clean and dry.

GALVANISING

- Degrease with Solvalux 7-45 if practical, abrade lightly. Ensure that the surface is clean. Treat either with LUXAPRIME 1500 or followed by one coat of suitable EPILUX primers.

ALUMINIUM

- Degrease and abrade with Solvalux 7-45 and wet-or-dry paper. Apply LUXAPRIME 1500.

CONCRETE

- Ensure that the surface is sound. Remove laitance by thorough wire-brushing, acid etching or sweep blasting. Blowholes and other defects should be filled with EPILUX 829. EPILUX 8 may be applied direct to the clean sound concrete provided the first coat is thinned.

**PRODUCT USE
RESTRICTIONS**

- This product will withstand wet heat up to 60°C.
- Do not apply this product if rain is likely within one hour of application
- May also be applied between 200 and 400 Microns DFT
- Contact Berger Representative for suggesting suitable paint system

**SAFETY
PRECAUTIONS**

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray.
- 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
- Refer to MSDS for further information.

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner.
- DO NOT USE solvent 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

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.