

**EPIMASTIC 7200 (SR)**

Epoxy Mastic Primer

**PRODUCT DESCRIPTION**

A high build Epoxy zinc phosphate primer containing inert and anticorrosive pigments. This material is specially designed to give fast output and excellent corrosion resistance under medium corrosive environment condition.

- Can be applied up to 200 micron DFT in single coat.

**DESIGNED USE**

- As a chemically resistant primer for process equipment, pipe work etc.
- As a general maintenance coating for onshore and offshore installations
- Suitable as primer for upto C4 Environment as per ISO12944 Part 2 along with suitable intermediate and topcoats

**PHYSICAL DATA****VOLUME SOLIDS**

(based on ASTM D2697)

78%  $\pm$  2%**TYPICAL DRY FILM THICKNESS**

150 microns

**WET FILM THICKNESS**

195 microns

**THEORETICAL COVERAGE**5.2 m<sup>2</sup>/litre @ 150 microns DFT**VOC as supplied**

(Based on ASTM D 3960)

200 gms /ltr

**COLOUR**

Grey

**FINISH**

Slight Sheen

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

This is the recommended method of application:  
5 - 10% Thinner may be added depend up on easiness.  
Tip Size: 0.43 - 0.53 mm (0.017-0.021 in)  
Pressure: 110-160 kg/cm<sup>2</sup> (1600-2300 psi)

**CONVENTIONAL SPRAY**

This is also a suitable method of application. 10 - 20% Thinner may be added depend up on easiness.  
Tip Size: 1.80 mm -2.20 mm (0.071-0.087 in)  
Pressure: 40-50 psi (2.75-3.45 kg/cm<sup>2</sup>)

**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	
25°C	2 Hr	16 Hrs	7 Hrs	7 days	3 Hrs
35°C	1 Hr	12 Hrs	4 Hrs	7 days	1½ Hrs
45°C	40 min	8 Hrs	2½ Hrs	7 days	½ Hr
100°C	10 min	20 min	30 min	7 days	

**NO. OF COMPONENTS**

Two

**Mixing Ratio**

7 part 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

**Storage Instruction**

Store in a cool shaded dry area

**Flash Point**

Mixed 36°C

**Packaging**

20 Liters

**Shelf Life**

12 months from the date of manufacture.

**EPIMASTIC 7200 (SR)****Epoxy Mastic Primer****SURFACE  
PREPARATION**

For best results, the surface should be treated as follows prior to painting.

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI.
- Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface. Special care must be taken on weld areas to remove flux and spatter. Welds should be ground back to avoid pockets where corrosion can occur.
- Abrasive blast-clean to a minimum standard of Sa 2½ Swedish Standard SIS 055900 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 cleaned surface should be coated before it becomes contaminated. The surface to be coated must also be clean and dry.
- This product should be over coated with Berger range of 2 pack products.

**PRODUCT USE  
RESTRICTIONS**

- This product is designed as a primer. It should not remain long without over coating. If directly exposed to sunlight and outdoor conditions this product will chalk as in case with all epoxy products.
- This product is not suitable for use in immersed conditions without a topcoat.
- Dry heat resistance up to 120°C.
- May also be applied between 75 and 200 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 vapour 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.