

## EPOXY CM10 ANTICORROSIVE PRIMER

### PRODUCT DESCRIPTION

A two pack polyamide cured epoxy primer with highly effective anticorrosion properties, designed for application to blasted steel in pre and post fabrication stages and as a maintenance primer for mechanically cleaned steel in exposed and aggressive environments. This product is also weldable (see certification/approvals) and moisture tolerant.

### USES

Versatile fabrication and maintenance primer for industrial locations, chemical plants and general fabrication work where a good value but effective protection is required. Can be left for up to six months before overcoating with a wide range of products.

### TECHNICAL PROPERTIES

<b>Colour</b>	White, Light Grey		
<b>Finish</b>	Matt		
<b>Curing Agent</b>	Epoxy CM10 Curing Agent		
<b>Mix Ratio</b>	4 parts Base to 1 part Curing Agent by volume		
<b>Specific Gravity</b>	1.24		
<b>Volume Solids</b>	40%		
<b>Recommended Film Thickness</b>	62-100 $\mu$ WFT / 25-40 $\mu$ DFT		
<b>Theoretical Spreading Rate</b>	10-16 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	Base : 24°C Curing Agent : 24°C		
<b>VOC</b>	520 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	1 hour	30 minutes	20 minutes
Hard Dry	8 hours	6 hours	4 hours
Minimum Overcoat	2 hours	1½ hours	1 hour
Maximum Overcoat	6 months	6 months	6 months
Fully Cured	5 days	3 days	2 days

### CERTIFICATION/APPROVALS

Thermal Degradation Testing Report No. 7278/03 Newcastle Occupational Health Agency (valid until 2008)

### RECOMMENDED SYSTEMS

Bondon 116, Epoxy Finishes, Bondon 168, Hi-Dur AD100, Hi-Dur PU100, Bondon 112

### SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Blast clean to a minimum SA 2½ and prime within 2 hours.

## PRODUCT APPLICATION

<b>Mixing</b>	Mix 4 litres Base with 1 litre Curing Agent. Allow 30 minutes before application. Pot life 20 hours @ 20°C.
<b>Thinners</b>	Do not thin.
<b>Brush</b>	Only small touch up areas should be painted, two coats will normally be required to achieve film build
<b>Roller</b>	Only small touch up areas should be painted, two coats will normally be required to achieve film build
<b>Conventional Spray</b>	Do not thin. Use 40-50 psi pressure and 1.4-1.8 diameter nozzle.
<b>Airless Spray</b>	Do not thin. Use tip 0.48-0.59mm, 65-80° angle and 1800-2300 psi pressure. A single coat application is usually possible to achieve required wet film build.
<b>Air Assisted Airless Spray</b>	Do not thin. Use 1.4-1.8mm diameter nozzle and 1000-1500 psi pressure.
<b>Cleaner</b>	Thinner No.5
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.5 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

## HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.  
The user must observe local health, safety and environmental regulations when using this product.  
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

## PACK SIZES

5 and 25 litre composite.

## PACK WEIGHTS

5 litre: 6.2 kg.

25 litre: 31 kg.

## STORAGE CONDITIONS

Store away from extremes of temperature.

## LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point.

Do not apply below 5°C.

This product has some moisture tolerance.

## DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.