

## Twin Pack Epoxy Primer Technical Data Sheet

### intended uses

A high performance two pack epoxy primer for manually cleaned steel. Particularly of interest in "safety" areas where "blast cleaning" is not allowed.

### product description

Epoxy/Polyamide binder with anti corrosive and inorganic pigments and thinned with Aromatic Hydrocarbon and Alcohol solvents.

### product information

<b>Product reference</b>	EP118
<b>Volume solids</b>	Approx 48%
<b>Typical thickness</b>	96 microns dft from 200 microns wet
<b>Theoretical coverage</b>	5 square metres per litre
<b>Practical coverage</b>	Reduce above by up to 20%
<b>Appearance/Colour range</b>	Matt/Grey
<b>VOC content</b>	EU limit value for this product (cat A/j): 500 g/l . This product contains max 500 g/l VOC

### application details

<b>Mix ratio</b>	3:1 by volume Base:Activator			
<b>Method of application</b>	Brushing or spraying for structural steel work. Airless spray is preferred for large areas such as storage tanks.			
<b>Cleaner</b>	Tor TH98			
<b>Pot Life</b>	8 hours at 20°C			
<b>Drying time</b>				
Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	2 hours	8 hours	8 hours	28 days

**Note:** Drying/curing times will be shortened by higher temperatures and lengthened by lower temperatures

### storage and handling

<b>Storage</b>	Store in a safe place out of the reach of children
<b>Pack Size</b>	4 litre units
<b>Flash point</b>	33°C
<b>Product weight</b>	1.70 kilos/litre
<b>Shelf life</b>	2 years in unopened containers

## surface preparation

A generally acceptable standard of cleanliness for steel is Swedish Standard ST2 for manual cleaning.

Avoid excessive burnishing.

Wash down and remove all loose contamination.

Ensure all loose rust is removed before painting

Remove all loose dirt before painting.

## limitations

Below 8°C cure times will be significantly extended. At very low temperatures, cure may be curtailed.

Product will only tolerate a dampness of surface – not running water.

## safety precautions

A copy of the appropriate Health & Safety Data Sheet should be consulted prior to using the product. This can be faxed if urgently required.

Minimum precautions for all paints:

1. Avoid skin and eye contact i.e. wear gloves, goggles, etc
2. Ensure good ventilation, mechanical if necessary.
3. Store and use away from heat and flame.
4. Do not eat or smoke in the vicinity of work.
5. Wash hands before eating.
6. Refer to supply container for additional warning labels.

## definitions

**Tolerances** All information quoted in this data sheet is subject to normal manufacturing tolerances.

**Practical coverage** Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure.

**Pot Life** Applies only to two component products and refers to the time the mixture remains usable.

## disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Tor Coatings be liable for consequential or incidental damages.

This document will normally be updated at least every two years. It is the users responsibility to ensure that they have the current copy.