

Product Datasheet

Caltech METprime

Sheet NO PD552FR
 Issued: July 2021
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Product description

Epoxy/Polyamide binder with anti-corrosive and inorganic pigments and thinned with alcohol solvents.

Intended uses

A low odour, high performance two pack epoxy primer for manually cleaned metal prone to oxidation. Particularly of use in "safety" areas where blast cleaning is not allowed.

Product information

Volume solids	Approx 69%
Typical thickness	100 microns dft from 145 microns wet
Theoretical coverage	7m ² /litre
Practical coverage	Reduced above by up to 20%
Appearance	Matt grey
VOC content	IIA/j: 500g/l (2010). Contains <= 300g/l VOC

Application details

Mix ratio	2.75 : 1.25 by volume Base : Activator		
Method of application	Brushing or spraying for structural metal work. Airless spray is preferred for large areas such as storage tanks.		
Cleaner	Caltech Solvent		
Pot Life	45 minutes at 20°C		

Drying time:

Substrate	Temperature	Touch Dry	Hard Dry	Overcoating Interval	
				Minimum	Maximum
20°C		8-16 hours	24 hours	24 hours	28 days

Note: Minimum application temperature is 5°C and rising. Substrate temperature must be at least 3°C above the dew point and maximum humidity = 85%.

Storage and handling

Store in a safe place out of the reach of children	
Pack Size	4 litre units
Flash point	101°C
Product weight	1.77 kilos/litre
Shelf life 2 years in unopened containers	

Surface preparation

A generally acceptable standard of cleanliness for metal 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.

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.

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Tolerances

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

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.

Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from www.alumascroofing.com.

Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Email: technical@alumascroofing.com

The company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.

