

Product Datasheet

Caltech METprime

Sheet NO PD552FR
 Issued: August 2023
 Pages: 1 of 2

Product description

METprime is a two-component epoxy / poly vinyl butyral metal etch primer for steel and non-ferrous metals, suitable for use in conjunction with a range of adhesives and various liquid applied waterproofing technologies. The primer can be used as an adhesion promoter for degreased galvanising, aluminium, copper, brass, nickel and carbon steel. It's also suitable for aluminium cladding, galvanised structures and railings.

Intended uses.

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Product information

Typical thickness	Maximum - 20 microns DFT from 66 microns wet. Typical - 15 microns DFT from 50 microns wet.
Theoretical coverage	15m ² /litre
Practical coverage	Reduced above by up to 20%
Appearance	Beige

Application details

Mix ratio	3:75: 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	12 Hours at 20°C		

Drying time:

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
20°C	4 mins	10 mins	4 hours	Indefinite

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	5 litre units (3.75Ltr base & 1.25Ltr activator)
Shelf life	12 months in unopened containers, stored in dry cold conditions protected from frost.

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 applying. Remove all loose dirt before applying.

Limitations

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

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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Sheet NO PD552FR
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Pages: 2 of 2

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.

