

Description

Caltech Metprime is a two-component epoxy/polyvinyl butyral etch primer designed for use on ferrous and non-ferrous metal substrates. The product is supplied as a two-component system and must be mixed with **Caltech Metprime Activator**.

Use

Suitable for all types of degreased metal. Very smooth or glossy surfaces should be lightly abraded to provide a key. Ensure all exposed metal panel edges, cut ends, bolt heads, and sharp angles are fully primed. Do not use on heavily corroded metal. Adhesion tests are to be carried out where specified in accordance with the Alumasc specification.

Application

- Ensure all preparation is complete and that surfaces are dry, clean, and free from contaminants.
- Avoid excessive burnishing. Ensure all loose rust is removed before applying.
- Mix ratio: 3:1 by volume (3.75L Part A, 1.25L Part B). Mix only in the proportions stated and immediately before use.
- Apply by brush and allow to dry completely. Can also be applied by airless spray for large areas.
- At 20°C, the primer is touch dry in approximately 10 minutes and may be overcoated after a minimum of 4 hours. Drying and overcoating times will vary depending on site temperature and humidity conditions. The maximum exposure period before overcoating is 7 days. Below 8°C cure times will be significantly extended.
- Clean equipment with Caltech Solvent after use.

The typical coverage rate is 15m²/L. Rough or porous surfaces may reduce the coverage rate. Any areas exhibiting insufficient coverage or inconsistent appearance should be touched in as necessary to ensure a continuous, uniform primer coat.

Pot life is approx. 12 Hours at 20°C when mixed.

Application should only be carried out when the ambient temperature is 5°C and rising. The substrate temperature must be at least 3°C above the dew point, with the relative humidity not exceeding 85%. These conditions shall be maintained throughout the application and curing period to ensure optimum performance and adhesion.

Product Data

Packaging	5 litre cans (3.75/L base & 1.25/L activator)
Colour	Beige
Storage	Store in a well-ventilated area, away from heat sources
Shelf-life	12 months in unopened containers

Health & Safety

Copies of Alumasc Safety Data Sheets can be downloaded from the Alumasc Roofing [website](https://www.alumascroofing.com/downloads).