

Product Datasheet

Caltech FCP SP Primer

Sheet No: PDS-PAS018
Issued: 24/06/2026
Pages: 1 of 2

Description

Caltech FCP SP Primer is a moisture curing primer for TPO and EPDM single-ply. This primer is only to be used subject to adhesion tests (consult Alumasc Technical Services for details).

Product Information

Easy applications
Low consumption rate

Item	Pack Size	Approx. Pack Coverage
Caltech FCP SP Primer	1 ltr	12-15m ²

Characteristic	Value
Coverage rate	12-15m ² /litre
Density	0.91g/cm ³

Application

For applying the product: Brush.

Mix the primer thoroughly by stirring or shaking before application.

Brush-apply a thin coat of primer to the substrate. Avoid excess build-up of material in all areas, and especially in corners. If necessary, use the brush to spread the material evenly and avoid greater layer thicknesses.

If work is interrupted or when it is completed, clean the tools thoroughly with Acetone within the pot life of the material. This can be done with a brush. Do not use the tools again until the cleaning agent has evaporated fully. Simply immersing the tools in the cleaning agent will not prevent the material from hardening.

The above information is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.

Preparation & Installation

Due to the large number of single-ply membranes, it is essential to carry out adhesion tests to determine suitability for coating prior to commencement of works.

Thoroughly clean down all areas to be treated, removing dirt, debris, surface lying water, mold growth and moss, etc.

Treat any areas of fungal growth or moss with fungicidal wash to ensure all spores are destroyed. Powerwash to remove residues.

Any areas of loose or dis-bonded single-ply membrane should be suitably re-fixed prior to coating. Any localised damage should be repaired or made good as appropriate.

Thoroughly clean all surfaces with Acetone prior to application of the main system.

Product Datasheet

Caltech FCP SP Primer

Sheet No: PDS-PAS018
Issued: 24/06/2026
Pages: 2 of 2

Storage & Handling

Store the products sealed in their original airtight container and in a cool, dry and frost-free place.

Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers immediately so they are airtight.

Once opened, the product only has a limited shelf life and may gel prematurely. Do not use any product that has gelled.

Temperature Range

Product	Temperature Range		
	Air	Substrate	Material
Caltech FCP SP Primer	+3°C - 35°C	+3°C - 50°C	+3°C - 30°C

The substrate temperature must be at least 3°C above the dew point during application and curing.

Moisture

- The relative humidity must be $\leq 90\%$.
- The surface to be coated must be dry and ice-free.
- The surface must be protected from moisture until the coating has hardened.

Temperature	Drying time
30°C	Approx. 30 mins
20°C	Approx. 30 mins
10°C	Approx. 60 mins
3°C	Approx. 60 mins

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.