

# Product Data Sheet

## Caltech G-Mat-Alpha

Sheet No: CGMAT-ALPHA

Issued: Feb 2024

Pages: 1 of 1

### Description

Caltech G-Mat-Alpha is a 225gsm glass fibre reinforcement mats for use in Caltech PU systems.

### Use

Reinforcement for the range of Caltech PU systems.

### Characteristics/Advantages

Fast and consistent wetting out when embedded in Caltech PU. The mat is flexible and is easily conformable to complex shapes. Allows details to be quickly and easily applied. Available as a full width roll with a feathered edge or a split roll of four for easier detailing.

### Application

Caltech G-Mat-Alpha can be cut to size with scissors or a sharp knife. Small pieces for details etc. may be torn. Apply a coat of Caltech PU at the required rate for the chosen system (See the Caltech PU Technical Datasheet or project specification for details). Roll the Caltech G-Mat-Alpha into the wet Caltech PU to fully reinforce the system. Roller the surface until the mat is completely embedded using additional material as required. Flatten any wicks or proud (protruding) fibres by rolling back into place with a loaded short pile roller. At details use a small roller or paint brush to fully embed the Caltech G-Mat Alpha. All overlaps in the mat must be a minimum of 50mm. The mat must be completely saturated and embedded with no pinholes or tented mat. Any wicks or fibres projecting from the cured reinforced coat are to be trimmed or sanded before applying the next coat.

### Product Data

Base:	Chopped strand glass fibre matting with an emulsion binder
Roll size	0.95m x 127m roll Packed in polythene film in a cardboard box
Roll weight	27kg
Mass per unit area	225g/m <sup>2</sup>
Colour(s)	White
Storage	Store greater than 0°C and up to 30/35°C in original packaging Keep dry
Shelf-life	>12 months when stored in undamaged packaging in dry conditions as above

### Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from [www.alumascroofing.com](http://www.alumascroofing.com).

### Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Email: [technical@alumascroofing.com](mailto: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.