



HELLO FUTURE!

DISCOVERING THE FUTURE
OF GREEN ROOFING



TDS

 GREEN
COMPOSITES

EverGreen Hybrid Primer



PHYSICAL PROPERTIES:

Viscosity (ISO 2555)	80-120cP
Appearance	White
Gel time(20°C @2% MEKP)	20-30 mins
Stability in dark @ 20°C	6 Months
Approx. Coverage (See application guide for full details)	200-300gm ²

Features & Benefits

- High performance multi surface primer*
- Exceptional bond strength to a range of substrates and EverGreen Hybrid
- Primer Flexi GRP Low viscosity for easy application
- Very good coverage rates
- Low drainage
- Brush, roller or spray application (with specialist equipment)
- Pigmented white to give clear visibility of application

Description:

GreenComposites EverGreen Hybrid Primer is a high-performance surface primer and adhesion promotor, designed for use when overlaying existing roofing substrates or on new surfaces where primer is recommended * Designed for easy and quick application and ensuring the best bond is achieved and is critical in some instances where the Guarantee's are required **

EverGreen Hybrid Primer is cured with EverGreen Hybrid Primer MEKP catalysts that is used with EverGreen Hybrid Primer Flexi-GRP for ease of use and can be adjusted to suit variable temperature and weather conditions to give a consistent working time and cure. EverGreen Hybrid Primer MEKP catalysts must be used as part of the EverGreen Hybrid Primer system and is available in both standard and winter grades.

*Please refer to the installers guide for full details of using the EverGreen Hybrid Primer system and the associated products.

** Please refer to EverGreen Hybrid Primer system Guarantee certificate and user guide for full terms and conditions of Guarantee's before application

SURFACE PREPARATION

All substrates must be clean, dry and free of moss, lichen or other organic growth, do not lay on wet or damp surfaces as this will adversely affect the integrity of the system. Also avoid applying at the height of day or before nightfall in winter. Assess the overall structural condition of the roof and ensure that it is solid and suitable for overlaying before commencing work. Rotten, unsound or structurally damaged areas will need to be treated or replaced prior to using EverGreen Hybrid Primer Flexi GRP system, this should include any associated fixtures or fittings that form part of the waterproofing system including items like perimeter trims and up stands etc.

If a surface has chippings on it, they must be removed prior to application, any chippings that remain bonded to the surface will need to be removed by mechanical means.

Surfaces that have been previously repaired with other coatings such as bitumen paints or aluminium based materials need to be tested to ensure that the primer bonds correctly, special attention should be taken to remove any failing coating that is flaking or peeling etc.

Always try a test patch prior to large scale application.

APPLICATION

Application in general is the same for all surfaces shown, please refer to the coverage guide for an approximate usage, this will vary from substrate to substrate depending on porosity and finish. This is a guide and should consider 5-10% waste if mixing in buckets and using brushes/rollers etc.

General Primer guide

NB: Please read the full installers guide before commencing any work to ensure the best outcome of the installation, this information should be used for a general overview to understanding the product and its uses.

GRP – Not required if preparation guide is followed fully – See EverGreen Hybrid Primer installer guide

Felt – Required.

Asphalt – Required

Concrete, Brickwork & Screed – Required

Metals – Required, bonds well to lead. For other metals use GreenComposites G40 primer/sealer.

OSB3 – Recommended, OSB3 must be clean and dry. If installed OSB3 has been laid for some time prior to application of EverGreen Hybrid Primer Flexi GRP is highly recommended that the primer be used to achieve the best results

Fleece backed PIR foam –Required

Please enquire if a substrate is not listed and you would like to purchase a test kit prior to use.

Recommended working temperature +10 to +25C See catalyst addition chart in Installation guide for full range of working temperatures.

EverGreen Hybrid Primer coverage rates

Materials Usage Guide (NB guide does not account for any materials lost in mixing or use of brushes/rollers etc)			
Roof Size (M ²)	Smooth surfaces 200g per m2	Medium surfaces 250g per m2	Rough surfaces 300g per m2
5	1kg	1.25kg	1.5kg
10	2kg	2.5kg	3kg
15	3kg	3.75kg	4.5kg
20	4kg	5kg	6kg
25	5kg	6.25kg	7.5kg
30	6kg	7.5kg	9kg
35	7kg	8.75kg	10.5kg
40	8kg	10kg	12kg
45	9kg	11.25kg	13.5kg
50	10kg	12.5kg	15kg
75	15kg	18.75kg	22.5kg
100	20kg	25kg	30kg

STORAGE & SHELF LIFE

Storage guidelines The resin should be stored indoors in original, unopened, undamaged containers in a dry place at storage temperature between 5-20 °C. Exposure to direct sunlight should be avoided.

Shelf life Under above mentioned storage conditions, the shelf life of the resin will be 6 months ex works.

MATERIAL SAFETY

Please refer to Product MSDS SHEETS for advice on safe handling.

It is of extreme importance that protective gloves and eye protection are worn when handling base, hardener or mixed product. Spills or splashes must be removed immediately –if allowed to dry, material can only be removed mechanically or with heat and/or harsh chemicals.

All wet components of this system are environmentally hazardous. Do not allow wet product to enter water courses, drains, sewers or the general environment. For professional use only.

NB: The advice and information given in this data sheet is given freely and in good faith and is based upon data that we believe is reliable. The data herein is based on extensive laboratory testing and experience, but we cannot test for every eventuality. It is the customers Responsibility to ensure that the product is fit for their intended purpose. GreenComposites cannot guarantee anything but the quality of the product and cannot be held responsible for results obtained.