

TekGuard Flexi-GRP



PHYSICAL PROPERTIES:

Viscosity (ISO 2555 - 23°C)@5rpm	220-280 Poise
Appearance	Grey RAL 7011
Gel time (23°C @ 2% MEKP)	15-22 mins
Stability in dark @ 20c	6 Months

Features & Benefits

- High performance flexible GRP That can be applied to existing or new roof structures *
- Class beating Fire rating BS 476 part 3/ CEN/TS EN 1187-4 laid onto OSB3
BS 476 part 3 test:- **EXT.F.AA**;
EN 1187 test 4 – **B_{ROOF}(t4)** tested as a flat roof **
- Exceptional bond strength to a range of substrates*
- Superior weather and crack resistance
- Replaces need to use separate RESIN/TOPCOAT – Single system solution
- Medium viscosity for easy application
- Very good coverage rates
- Low drainage
- LSE (Low Styrene Emission system) – Reduced emissions and smell.
- Brush, roller or spray application (with specialist equipment)
- Uses TekGuard MEKP liquid catalyst's that can be quickly adjusted to weather and temperature conditions

Description:

KoverTek's TekGuard is an evolution in GRP technology designed to simplify the application process and speed up working time both on existing and new roof surfaces * TekGuard is a system that eliminates the need for using separate GRP resin and Topcoat as well as other liquid products. TekGuard is a flexible system that eliminates flaking and cracking GRP roofs that shrink and expand with weather cycles that often produces unsightly and noisy roofs if installed incorrectly.

TekGuard has the latest Fire certification Fire rating BS 476 part 3/ CEN/TS EN 1187-4 BS 476 part 3 test:- **EXT.F.AA**;EN 1187 test 4 – **B_{ROOF}(t4)** tested as a flat roof laid onto OSB3 for real world results when comparing to other products tested.

Designed specifically for roofing applications giving high coverage and universal cure, produced in RAL 7011 for a consistent colour. The product is designed to give high UV resistance and long term weathering. Can be applied with brush/roller or spray (with specialist equipment)

PRODUCT GUIDE

NB: This document should be used as a product overview only and should not be used as a guide to applying the TekGuard system, ALWAYS refer to the full installation guide **before** commencing to undertake the work.

Always try a test patch prior to large scale application.

Recommended working temperature +10 to +25C

Working time 15-22 minutes depending on temperature (NB – Care must be taken when working at higher or lower temperatures)

Measure and mix thoroughly 1 – 2% MEKP standard catalyst for temperatures between 18-25c. Use up to 4% at temperatures below 15c, please see installation guide for addition rates using TekGuard standard or winter catalysts.

At higher temperatures mix smaller amounts and apply to the substrate as soon as possible as this will slow down the cure time.

Please retain copies of materials purchased and dates of installation, these will be required To obtain the material guarantee and must be produced in the event of any request to claim.

Use only with Kovertek's TekGuard system components and associated products to meet guarantee requirements as detailed in the full installation guide.

* Please refer to full installers guide for installation guarantee requirements

** Please refer to full certificate if required

TekGuard offers a 15-year (300g) CSM/ 20-year (450g) CSM or 25-year (600g) CSM Material Guarantee when installed correctly, please contact us for further details of the Guarantee conditions.

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. KoverTek cannot guarantee anything but the quality of the product and cannot be held responsible for results obtained.

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