

# FLEXI-GRP



### Physical Properties

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

- High performance flexible GRP that can be applied to existing or new roof structures \*
- 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 - BROOF(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
- Thixotropic to allow lamination on to vertical surfaces
- LSE (Low Styrene Emission system)  
- Reduced emissions and smell
- Brush, roller or spray application (with specialist equipment)
- Used with FIX-R GRP Standard or Winter catalyst to allow for application in a wide weather window down to 5°C

### Description

FIX-R FLEXI-GRP is an evolution in GRP technology, designed to simplify the application process and speed up working time both on existing and new roof surfaces. FLEXI-GRP is a single system solution and replaces the need to use a separate resin and topcoat and will remain flexible throughout its life. This will reduce the cracking sounds often associated with rigid GRP roofs that expand and contract due to temperature changes.

FLEXI-GRP 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 - BROOF(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, and is 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 FLEXI-GRP system, 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 +25°C.

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% FIX-R GRP standard catalyst for temperatures between 18-25°C. Use up to 4% at temperatures below 15°C, please see installation guide for addition rates using FIX-R 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 FIX-R's FLEXI-GRP components and associated products to meet guarantee requirements as detailed in the full installation guide.

\* Please refer to full installers guide for installation requirements

\*\* Please refer to full certificate if required

FLEXI-GRP 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 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 Safety Data 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. FIX-R cannot guarantee anything but the quality of the product and cannot be held responsible for results obtained.

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