

The revolutionary next generation Giromax® product range, brought to you by Giromax Technology Ltd. is the UK's premier range of moisture tolerant coatings for profiled roofs, gutters, rooflights & sidecladding.

## GIROMAX® CUT EDGE SYSTEM

### Key benefits

- Fully moisture tolerant.
- Chemically bonded corrosion control.
- Resilient to bird damage.
- Resistant to dirt pick up.
- BBA approved.
- 15 year system guarantee.



### SYSTEM PRODUCT DATA

#### Giromax® Sealant

A one-part, moisture tolerant sealant, supplied in 310 ml tubes.

Used in the Giromax® Edgecoat System specification to seal panel to panel & rooflight top lap joints.

#### Product Technical Data

Curing System:	Moisture	Colour:	G/wing Grey
Elong. at Break:	340%	Move. Accom:	± 50%
		Tensile Strength:	2.6 N/mm <sup>2</sup>
Application Temp:	(Ambient & Surface) +5°C & rising / +35°C		
Tooling Time:	30 min*	Full Cure:	7-14 Days*

#### Giromax® Basecoat

A two-part, moisture tolerant epoxy coating supplied in 1 Ltr kits of Part A (Base) and Part B (Activator) designed to be wholly (not part) mixed before use.

Used to treat substrate corrosion on the sheet panel and cut edges, and to encapsulate panel fixings.

#### Product Technical Data

Curing System:	2 Part - Catalyst	Colour:	Grey
Volume Solids:	79% ( ± 2% )	Application:	Brush, Roller
Min. WFT:	82 µm	Min. DFT:	65 µm
Max. WFT:	158 µm	Max. DFT:	125 µm
Application Temp:	(Ambient & Surface) +5°C & rising / +35°C		
Coverage (Lm@ 50mm wide):	150 lm / Lt Kit ++	Pot Life:	8 Hrs*
Coverage (m <sup>2</sup> ):	8 m <sup>2</sup> / Lt Kit ++	Drying Time:	8 Hrs*
Clean up with:	Giromax® Brush Cleaner		

#### Giromax® Edgecoat

A one-part, liquid-applied hybrid coating for use as the weathering coat for cut edge corrosion treatment. Supplied in 2.5 Ltr tins.

Used on galvanized steel roofing sheets to provide cut edge protection against corrosion.

#### Product Technical Data

Curing System:	1 Part - Moisture	Colour:	RAL Range
Application:	Brush & Roller	Min. WFT / DFT:	206 / 200 µm
Application Temp:	(Ambient & Surface) +5°C & rising / +35°C		
Coverage (Lm@ 75mm wide):	65 lm / Lt ++	Tack Free:	2 - 4 Hrs*
Volume Solids:	97% ( ± 2% )	Full Cure:	7 Days *
Clean up with:	Giromax® Brush Cleaner		
Thinner (If Req):	Giromax® Thinner		

++ Approximate coverage, depending on: a) texture and porosity of substrate, b) application method and technique  
\* Dependent on temperature



**Giromax® Cut Edge System** is designed to treat cut edge corrosion to the weather side of structurally sound profiled galvanized roof sheeting.

This specification is given in good faith, without prejudice or liability.

Product Technical & Safety Data must be observed at all times and are deemed part of this specification.

## LIMITS OF USE

This system specification is not suitable for treating roof leaks originating at the sheet overlap detail – contact Giromax Technology for further guidance.

## PREPARATION

Remove all loose and flaking coatings to a firm edge. Remove all corrosion to ST3 standard of EN ISO 8501-1:2007 using rust scrapers, abrasion methods etc. Ensure surface is not polished and that the edge of any remaining coating is firmly adhered and well feathered. Remove non-adherent rust staining & any dust & swarf arising from the preparation. Wipe down with Giromax® Panel Wipe. Surfaces to be treated including between application steps, must be free of dirt, mould, oil & grease, ice & frost.

## APPLICATION - STEP 1: Giromax® Basecoat

Wholly pour Part B (Activator) into Part A and mix thoroughly. Do not part mix. Brush or roller apply one coat Giromax® Basecoat to the correct film thickness in a continuous uniform line that overlaps the firm edge of the remaining coating by at least 10mm.

Ensure full coverage of all exposed metal including the sheet edge.

Do not add thinner.

Do not use when the pot life has been exceeded.

Clean after prolonged periods between application steps using 320 grade abrasive paper and Giromax Panel Wipe as appropriate.

Allow to reach a touch dry state before over-coating. See also **Environmental Conditions**.

## APPLICATION - STEP 2: Giromax® Sealant / Giromax® Edgecoat

- **Sheet overlaps (incl. flashing laps & panel to rooflight lap)** - Gun apply Giromax® Sealant to the joint in a continuous line, then tool in an upward direction with one coat of Giromax® Edgecoat, brush applied 'wet on wet' to achieve a smooth fillet that encapsulates & visually obscures the leading edge of the top sheet. Continue to apply Giromax® Edgecoat either side of the joint, in a continuous uniform band at least 75mm wide, overlapping Giromax® Basecoat by at least 10 mm to achieve a total un-feathered minimum system dry film thickness (DFT) of at least 265 microns (µm).
- **Sheet End Gutter Overhang / Eaves and Flashing Ridges** - Brush or roller apply Giromax® Edgecoat in a neat line overlapping Giromax® Basecoat by at least 10 mm to achieve a total un-feathered minimum system dry film thickness (DFT) of at least 265 microns (µm). Ensure application makes contact with the sheet underside to achieve full encapsulation of the sheet cut edge.

## GUIDANCE & APPLICATION NOTES

- To ease application to the cut edge, remove excess water held at the overlaps using a powered blower.
- Clean surfaces to be treated, especially after prolonged periods between application steps, to ensure they are free from contaminants. Wipe with Giromax® Panel Wipe.
- Overcoat Giromax® Basecoat within 7 days. If exceeded, lightly key with 320 grade abrasive paper.
- Giromax® Edgecoat is supplied ready to use. Stir thoroughly before use. Thinning is not normally required & not at all at temperatures above 10°C. If thinning is required, use ONLY Giromax® Thinner.
- Moisture in tins will accelerate cure. Protect open unused tins from rain and humidity.
- To avoid disturbing new lap seal, commence application at a point furthest from roof access.
- Do not proceed with treatment to the cut edge of the sheet if corrosion is evident beyond its primary fixing. Contact Giromax Technology for further guidance.
- Coverage rates are based on theoretical usage and are given for guidance only. When estimating, allow for expanded sheet profile.

## ENVIRONMENTAL CONDITIONS

Surfaces must be above +4°C and be ice and frost free.

## DELIVERY & STORAGE

Materials shall be delivered in the manufacturer's original, tightly sealed containers and unopened packages, clearly labelled with the suppliers name, product identification, safety information, and batch numbers. Store containers tightly closed, in a cool, well ventilated, frost free area.

## CONTRACTOR QUALIFICATIONS & OBLIGATIONS

The contractor must be trained in the application of Giromax® systems. It is the contractors' responsibility to ensure that the steps outlined in this specification have been fulfilled and to have satisfied themselves of system suitability in meeting the exact project requirements.



Eagle House, Bilton Way, Lutterworth LE17 4JA  
01455 558969 | [sales.orders@giromax.co.uk](mailto:sales.orders@giromax.co.uk) | [www.giromax.co.uk](http://www.giromax.co.uk)

