



ROOFING PROGRAMME

Weatherseal reinstatement for profiled metal roofs

DriSilane® ReSeal, is designed to reinstate watertight seals, and cut edge protection to structurally sound profiled metal roofing.



As buildings age, roof leaks can develop from missing or ineffective panel seals and fixings. Edge corrosion can arise due to prolonged contact of the steel substrate with water.



What's included

Industry specified full sheet cut edge treatment together with targeted reinstatement of roof seals and fixings,

What's not included

Addressing water ingress due to, or arising from:

- Condensation or building design.
- Any roof detail not listed below e.g. penetrations, soakers or vents unless specified.

Detail	Cut Edge	Roof Seal
Flashing:	◆	●
Fixings:		●
Side Lap:		●
End Lap:	◆	●
Sheet End:	◆	

DriSilane® Flex Sealer Coat

An advanced hybrid polymer coating that combines the high elasticity of silicone and mechanical strength of polyurethane to give continuous flexibility, adhesion, and durability.

Key Features & Benefits

- Surface moisture tolerant one coat application.
- Excellent long term adhesion & corrosion control
- UV resistant and temperature stable.
- Resilient to bird damage, dirt pick-up & staining.
- 15 year performance warranty



0	Origination	Mar 2021
2	Revision	Mar 2023



Specification benefits

- Seals reinstated to key roof details
- Full Cut Edge Corrosion treatment
- Can be upgraded to DriSilane® ReCover specification at any time

DriSilane® system products are supplied for professional use to skilled and experienced applicators throughout the UK and Ireland

Contact DriSilane® for a list of product stockists:

sales@drisilane.com
www.drisilane.com



PRODUCT DATA

DriSilane® Prime: 2-part moisture tolerant epoxy Primer

For use as: Metal surface primer coat.

Colour:	Dark Grey	Curing:	Catalyst
Application:	Brush, Roller	Vol Solids:	64%
Min/Max WFT:	100 /188 µm	Min/Max DFT:	64 /120 µm
m ² (Max):	6 m ² / Lt **	Lm (Max):	100 lm / Lt **
Air Temp. °c	Min. +5°c (and rising)	Max.	+35°c
Pot Life:	8 hrs *	Drying Time:	8 hrs *
Clean up:	Xylene	Availability:	1Lt, 2.5 Lt Kit

Instructions: Fully add (Activator) to (Base) and mix thoroughly before use. Do not make up part mix nor add thinner. Discard when mix thickens as pot life is reached.

DriSilane® RS: 1-part moisture tolerant joint Sealant

For use as: Roof panel side-lap & end-lap joint sealant

Colour:	Grey	Curing:	Moisture
Elongation:	340%	Mov Accom.	± 50%
Air Temp °c	Min. +5°c (and rising)	Max.	+35°c
Tooling Time:	30 min *	Tensile Strength:	2.6 N/mm ²
Full Cure:	7-14 Days*	Availability:	600 ml Foil

DriSilane® Flex: 1-part moisture tolerant sealer coat

For use as: End-lap and sheet end sealer coat

Colour:	Various	Curing:	Moisture
Application:	Brush, Roller	Volume Solids:	90% (±2%)
Min. WFT:	300 µm	Min. DFT:	270 µm
Coverage Lm (75 mm band width)			30 lm / Lt **
Air Temp °c	Min. +5°c (and rising)	Max.	+35°c
Tack Free:	2 - 4 Hrs *	Full Cure:	7 Days *
Clean up:	Xylene	Availability:	2.5 Lt

Instructions: Always stir thoroughly before use. Do not thin.

* Dependent on temperature. Do not apply if surface temperature is greater than +40°c

** Practical coverage quoted, dependent on substrate texture & porosity, application method & technique.

Product Delivery & Storage

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

SPECIFICATION

This guideline specification is given in good faith, without prejudice or liability and may not be suitable in all circumstances. DriSilane® products are for professional use only. It is the users' responsibility to ensure that the steps outlined in this specification have been fulfilled and to have satisfied themselves of its suitability in meeting the exact project requirements.

Surface Preparation (General)

Prepared surfaces must be structurally sound and free from dirt, mould, loose and flaking coatings, moss and algae, oil, grease, ice and frost. Remove all visible sealants, prior treatments and debris. Prime existing PVDF (Pvf2) coatings with a suitable bonding primer.

Preparation (Steel cut edge corrosion & Fixings)

Prepare cut edge to St3 standard of EN ISO 8501-1:2007. Do not polish. Feather edge firmly adhered adjacent coating. Remove non-adherent rust staining and all swarf arising.

Fixings: Remove all non-moulded caps, degraded washers and loose bolt head corrosion. Re-tighten, or replace with approved, all loose or missing fixings.

Apply one coat of DriSilane® Prime to correct thickness to cover all exposed prepared steel and fixings. Overlap remaining feathered coating by at least 10mm. Do not add thinners. Over-coat when touch dry within 7 days. If exceeded, first lightly abrade and clean.

Application (End-Lap, Edge, Side-Lap, Fixings, Flashings)

Sheet end-lap (roof, rooflight & flashing) - seal with DriSilane® RS. Tool with DriSilane® Flex to obscure the lap edge and continue to apply to both sides of the lap in a continuous uniform band of minimum 75 mm width.

Sheet end (Steel) - encapsulate with one coat of DriSilane® Flex in a continuous uniform band that overlaps DriSilane® Prime by at least 10 mm.

Sheet side-lap (roof and rooflight) - seal ridge to eave with an even bead of DriSilane® RS. Tool with DriSilane® Flex to ensure full surface contact.

Fixings - encapsulate & fully surface seal with DriSilane® RS.

Flashings - If replacing, consider wider panels. Position in-fills, so as to be inaccessible to birds, secured top and bottom with DriSilane® RS. Seal fixings as described.

Application Notes (see also product data)

- Protect open containers from moisture.
- Remove excess water at end-laps before application.
- Do not apply if heavy rain or overnight frost is expected.