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Maximum protection with effective ease of preparation

What is Advantage® for Cut Edge Corrosion?

A single component solvent free Cut Edge Corrosion system using Advantage® for Metal roofs, a moisture cured anti corrosion hybrid coating, that is damp tolerant during application and is easily recoated. It provides excellent UV and mechanical protection while working with the thermal movement required from temperature changes that are experienced throughout the year.

Why choose Advantage® for Cut Edge Corrosion

- ✓ Includes Graphene for exceptional corrosion resistance
- ✓ Damp tolerant during application
- ✓ Solvent, Isocyanate and VOC free
- ✓ Easy re-coating
- ✓ Impact resistant
- ✓ Applied in a single coat
- ✓ No shrinkage on curing
- ✓ Provides minimal trafficking of roof during application
- ✓ Microporous to allow substrate to breath
- ✓ Can be applied at temperatures between 3°C and 60°C
- ✓ Flexible coating with elongation, to cope with thermal movement
- ✓ Long term reliability due to excellent adhesion and UV resistance
- ✓ Minimum weight gain after application
- ✓ High weather and UV resistance for this one coat system
- ✓ UK underwritten insurance



✓ **15 Year System Warranty**

✓ **Supporting Waterproofing & Repair Coating Systems:**
30 & 20 Year Metal Roofs,
15 Year Gutters, 20 Year
Asbestos, 15 Year Clear+
Roof Lights

✓ **Full UK Underwritten Insurance** (subject to contractor status)

✓ **Superior Contractor Support Every Step of the Way!**

✓ **Contractor Training & CPDs**



In Liquid Form

Feature:	Result:
Specific Weight:	SG1.1 @ 20°C
Application Temperature:	3°C to 60°C
Light Traffic Time:	Next Day
Skin Time @ 20°C / 65% RH:	2 - 4 Hours
Volume Solids:	100%
VOC:	0 g/Lt - VOC Free
Flash Point:	n/a
Viscosity:	14200/5350

In Cured Form

Feature:	Result:
Overcoatable:	Yes, with itself
Finish:	Sheen
UV Resistance:	Excellent
Wet / Dry Film Thickness:	200 µm
Service Temperature:	-40°C to 80°C
Hardness in Shore A:	Approx. 35
Tensile Strength:	1.5 N/mm ²
Tear Strength:	4 M/mm ²
Elongation at Break:	150 - 160%
Salt Test ISO 9227 5% NaCl @ 35°C:	5000 Hours - Pass
Water Absorption (7 Days RT):	On Test
QUV Accelerated Testing:	On Test

General Information

Feature:	Result:
Shelf Life:	12 months minimum in unopened tins, stored in a cool dry place out of direct sunlight
Coverage:	2m ² per 1L
Pack Sizes:	5 & 15 Litres
Form:	Viscous coloured liquid
Colour:	Anthracite grey
Thinners / Brush Wash:	Flushing thinners - not containing water or white spirit
Airless Sprayer - Typical:	N/A - Can not be sprayed

Components

- Advantage® PLUS: 5L Tins
- Advantage® Sealant: 290ml Tube
- Advantage® with Graphene for Metal Roofs: 5L & 15L Tins
- Advantage® Graphene Enhanced Anti-Corrosion Metal Primer: 2.5L Tins



Environmental Conditions

The substrate must be free from ice, frost and any contamination. Do not apply during freezing conditions, or if these conditions are likely to occur before curing.

Coverage Guide

- Advantage® Metal Primer: 4-5m² per 1L.
- Advantage® Graphene for Metal Roofs: Theoretical 5m² per 1L.
- Advantage® PLUS: 3.5m² per 1L.
- Advantage® Sealant: 3LM per 290ml tube.

Preparation & Cleaning

Substrate Preparation:

- Rusted through sections need to be repaired or replaced. Remove any loose plastisol coating, and where required, sand back to a feathered edge.

Masking Preparation:

- **Sheet Ends:** Optionally mask off the top edge to a minimum 100mm above the sheet edge, ensuring that coverage is a minimum of 25mm past the affected points of the damaged sheets.
- **Overlaps:** Optionally mask off the top and bottom edges to a minimum 100mm above the joint and 50mm below the joint, ensuring that coverage is a minimum of 25mm past the affected points of the damaged sheets.

Roof Cleaning:

- Clean and dry surface thoroughly to ST2 standard, you will find this easier with a rotary cleaning head. All oil, grease and dirt must be removed prior to application. Then using a wire brush to remove rust and foreign matter. Some previous coatings must be removed, contact our technical department to discuss. Observe standard decorative practice. Passivate (T-wash) new bare galvanised substrates.

Priming Corrosion

Where there is corrosion present brush or roller apply one coat of Advantage® Metal Primer past the last firm edge on both sides, ensuring all the surface is coated. Make sure Primer is applied to the undersides and very edges of overhang sheets and overlapping top sheets where there may be corrosion that you can't see.

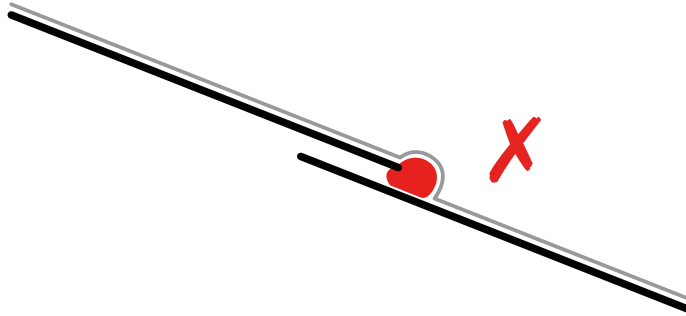
Application (Post Priming)

- **Edge and Lap Preparation:** If moisture is present under laps, dry first and then apply Advantage® Sealant at least 5mm into the lap after priming. Ensure Metal Primer is completely dry before applying the top coat.
- Apply Advantage® Sealant to all overlapping joints, then tool smooth immediately by applying the finishing coat of Advantage® with Graphene for Metal Roofs wet on wet to obtain a smooth fillet to a distance of 12mm each side of the joint.
- This should obtain a smooth fillet to exceed the primed area to produce a cosmetic finish. Apply Alltimes Advantage® for Cut Edge at 100mm above and 50mm below overlaps at a minimum coverage of 3.5-4m² per 1L within 8 hours of applying the sealant. Apply Alltimes Advantage® PLUS for 100mm at Sheet ends over primer.
- **See correct application of Advantage® Sealant diagrams overleaf.**

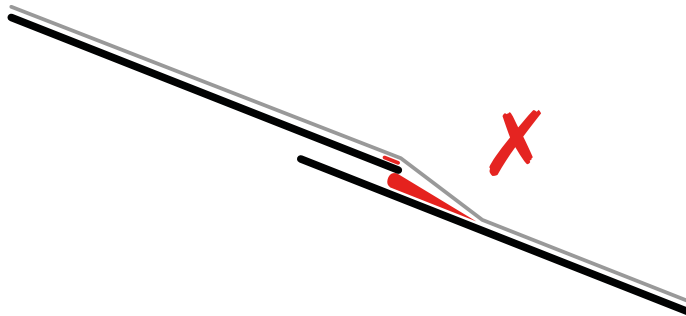


Sealant Application

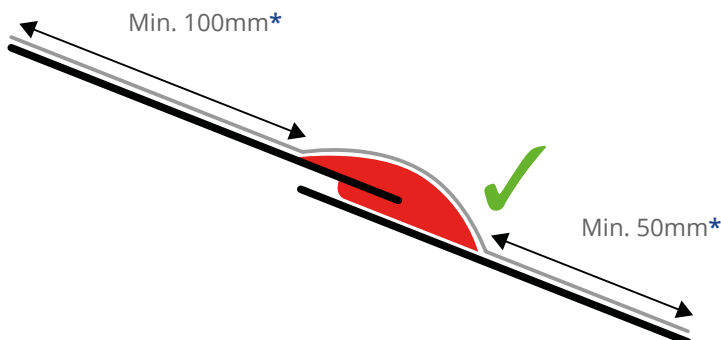
Cut edge sheet overlap



Sealant not tooled



Sealant not tooled,
leaving sheet edge exposed



Sealant tooled correctly

*Dependant on extent of corrosion

No responsibility can be taken by the manufacturers where conditions of use are beyond our control. All products should be used in accordance with the manufacturer's instructions. For further information please refer to the application guide and Material Safety Data Sheet. This information and guidance is given in good faith and without prejudice and liability. Technical and Safety Data must be observed. All coverages are given as a guide only, as volumes will vary with profile, porosity and method of application. Loss factors should also be taken into account.