



All you need to know:

**PRODUCT
INFORMATION**

1

**TECHNICAL
INFORMATION**

2

**COVERAGE GUIDE
& APPLICATION**

3-4

Apply all year round. Get a seamless finish. Encapsulate harmful fibres.

What is Advantage® for Asbestos Roofs

A single component solvent free Asbestos Roof coating system using a moisture cured 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 Asbestos Roofs

- ✓ Damp tolerant during application
- ✓ Solvent, Isocyanate and VOC free
- ✓ Easy re-coating
- ✓ Less prone to bird damage
- ✓ Applied in a single coat
- ✓ No shrinkage on curing
- ✓ Can be applied at temperatures between 3°C and 60°C
- ✓ Handles normal thermal movement with a high elasticity
- ✓ 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



✓ **20 Year System Warranty**

✓ **Supporting Waterproofing
& Repair Coating Systems:**
30 & 20 Year Metal Roofs,
15 Year Gutters, 15 & 10 Year
Cut Edge Corrosion, 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
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:	3m ² per 1L without OptiSeal & 4m ² per 1L with OptiSeal
Pack Sizes:	5 & 15 Litres
Form:	Viscous coloured liquid
Colour:	Goosewing grey - other colours to order
Thinners / Brush Wash:	Flushing thinners - not containing water or white spirit
Airless Sprayer - Typical:	Tip Size: 17 - 19 thou. Pressure: Min. 3600psi (250bar)

Components

- Advantage® PLUS: 5L Tins
- Advantage® Sealant: 290ml Tube
- Advantage® OptiSeal Sealing Primer: 5L Kit Part A & Part B
- Advantage® for Asbestos: 5L & 15L Tins
- Advantage® Graphene Primer: 2.5L Tins





Gridding & Measuring - How Much System Do I Need?

- Thorough preparation at this stage will ensure proper primer and coating coverage.
- Measure the roof accurately. Use this measurement with the primer and coating coverage rate to calculate how many tins you need to get the right coverage. For example; Advantage® for Asbestos Roofs when applied without a primer has a theoretical coverage of 3m² per 1L per coat, so a 100sqm roof would need 331m² per 3L.
- It's best to designate tins to their corresponding areas on the roof, so you can check the right coverage is being applied throughout.
- It is advisable to use a wet film gauge. The coating is solvent free and has no shrinkage therefore the wet and dry film thickness will be the same. When spraying we advise a loss contingency margin of 30%.

Coverage Guide

- Advantage® OptiSeal Sealing Primer: Comes as a 2 part solution which is mixed 2 parts base to 1 part activator by volume. Final mix gives 10-14m² per 1L
- Advantage® for Asbestos Roofs without Primer: 3m² per 1L (15L = 45sqm) theoretical.
- Advantage® for Asbestos Roofs with Primer: 4m² per 1L (15L = 60sqm) theoretical.
- When spraying we advise a loss contingency margin of 30%.

Before You Start - Roof Inspection

- Ensure the substrate is structurally sound and stable.
- Remove all loose matter such as moss, lichen or other debris.
- Some previous coatings must be removed, please speak to our technical department for more information.

Preparation & Cleaning

Roof Cleaning:

- Clean surface in line with HSE Guidelines on working with asbestos.
- After cleaning, inspect the roof for any remaining contaminants. Bear in mind that any contaminants can affect the long-term adhesion of the coatings, so must be dealt with before proceeding.
- Advantage® OptiSeal Sealing Primer can be applied immediately after cleaning whilst sheets are still wet. This will improve the appearance of the topcoat and encapsulate the Asbestos Fibres immediately after cleaning.

Roof Repair:

Once the roof is completely clean and primed (if using):

- Inspect the surface for holes, cracks and damaged areas.
- Make all repairs necessary to the roof surface using the Advantage® Sealant on small holes and cracks.
- Larger holes and cracks may require embedding Alltimes Non-Woven Fleece.
- Tighten all bolts where possible and crop them so they are as short as possible.
- If any roof sheet is de-laminating and too poor for a coating or has multiple holes and very bad cracks from impact or previous flues etc, it is generally recommended to use a GRP over-sheet before coating.



Priming

- Advantage® OptiSeal Sealing Primer can be applied immediately after the final rinse. Mix the two part of primer 2 parts base to 1 part activator and apply an even coverage by brush roller or spray at 10-14m² per 1L substrate porosity dependant
- Apply one coat of Advantage® Graphene Primer by brush or roller to all bolts and fixings, allow to fully cure before applying top coat.

Fixings & Details

- Apply a bead of Advantage® Sealant round skylights, and roof details and lap joints if they are a leak point.
- If the bolts show no holes, use a little Advantage® PLUS to fully encapsulate the fixing.
- If there are any holes around the bolts, apply Advantage® Sealant around the base followed by the Advantage® PLUS.

Application (Post Priming)

- Mix the solution in the tin using a low-speed (300 rpm) mixer.
- Apply Advantage® for Asbestos Roofs in even and controlled strokes using a sprayer or roller.
- At a minimum coverage of 3m² per 1L (45m² per 15L) or theoretical of 4m² per 1L (60m² per 15L) if sealing primer is used ensure surface temperature remains between 3°C - 60°C throughout curing time.
- Film thickness of 250 microns if primer is used or 3m² per 1L to dry film thickness of 330 microns without primer.
- If spraying, we advise a loss contingency margin of 30%.

Important

⚠ After cleaning the condition and porosity of the asbestos roof could affect the spread rates and possible shading of the finish. The spread rates listed are as a guide and will vary with the condition of the substrate, the use of the optional Advantage® OptiSeal will assist to stabilise the surface prior to coating.

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.

