

# Seamsil® 100

## Cut edge corrosion 15 year guarantee



### Preparation

#### Overlap - End Laps (Tail line)

Remove and clean all moss, lichen, dirt and debris from area to be treated. Push on type fixing caps within the area to be treated should be removed.

Loose and flaking coatings should be removed to make a sound feathered edge. Remove all rust and white (zinc) salts and all previously applied non compatible coatings, by thoroughly cleaning/abrading to Swedish Standard ST3 (back to bare metal), using a powered mechanical aid ie angle grinder with a grinding disk or heavy duty knotted wire wheel.

Ensure the surface is fully keyed and not polished.

All debris, including any grinding swarf and non adherent staining must be removed prior to application.

Ensure all surfaces including between overlaps, are dry by using a mechanically driven leaf blower before the application of Sharmans products.

Thoroughly clean the surface using Isopropyl Alcohol only.

**Note:** Do not at any time clean the surface with soap detergent or alternative solvents. This action may leave a residual film and may adversely affect the adhesion of Seamsil®.

#### Additional Preparation for Overlaps

Check existing overlaps for excessive movement and insert additional fixings as necessary.

If the gap between the sheets is greater than 5mm a stitcher screw or rivet should be used to close the sheets together.

Where there are small perforations (up to 15mm in diameter) in the areas to be treated, Seamsil® Sealant can be gunned into the hole and tooled off to a smooth edge. Any perforations larger than this can be cut away to a neat shape provided this doesn't affect the structural integrity of the affected sheet, or can be covered by riveting a metal plate into place sealing the edges with Seamsil® as above (overlap).

**Note:** This is an outline specification for the general application of this system. For a bespoke specification to deal with site complexities, please contact us.

### Product Application

#### Seamsil® Sealant

##### To Overlaps, Ridge / Flashing Joints

Seamsil® Sealant is gun-applied 8-10mm diameter to encapsulate the lap between the upper and lower roof sheets, as close to the edge of the upper sheet as possible, forming a complete bridged seal. Seamsil® base coat should then be applied immediately as detailed below.

The Seamsil® system may also be used on the vertical lap joints if the roof suffers from water ingress due to incorrect lap formation.

#### Seamsil® Base Coat

##### At Overlaps and flashing joints.

Whilst the Seamsil® Sealant is still wet, apply Seamsil® Base Coat by brush at a minimum wet film thickness of 220 microns. Work in a smooth motion over the sealant, ensuring complete coverage of all exposed and prepared metal. Allow to cure to a tack free state.

Seamsil® base coat should be applied at a minimum of 25mm above the edge of the roof sheet and either side of the overlap. Where applicable a further 10mm beyond the prepared exposed metal to ensure complete coverage.

Seamsil® basecoat may be thinned using Sharmans T514 thinners if required to a maximum of 10%, added little and often as required.

The finished Seamsil® treatment must form a fillet across the joint that visually obscures the leading edge of the top sheet.



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## Application Notes

Rooflight Laps - GRP treat as overlap. Polycarbonate treat as sheet eaves (tail line)

If coating the rooflights with delgalze, carry out the seamsil application first. Or allow 50mm at top to allow seamsil/Delcote system to be dressed onto.

### At sheet eaves (Tail Line)

Apply Seamsil® Base Coat by brush at a minimum wet film thickness of 220 microns, 10mm beyond the prepared exposed metal to ensure complete coverage. and encapsulating the sheet edge. Allow to cure to a tack free state.

### Delcote® Top Coat

**At all times ensure that the surface to be treated is clean and dry.**

### At Overlaps & sheet eaves (Tail Line)

Delcote® Top coat in a contrasting colour, ideally similar to the existing sheets should be applied by brush or roller, at a minimum WFT of 250 microns. Top coat application should cover the base coat entirely, and extend beyond by a minimum of 10mm.

For neat aesthetics, the coating should be applied in a straight line. To aid this, a pencil line or a straight edge can be used.

DO NOT THIN DELCOTE.

Completed system Dry film Thickness:

All Areas: Minimum 325 Microns

All swarf arising out of the metal preparation must be immediately brushed off the surface to avoid contamination of coated areas and existing surface coatings.

Failure to remove the swarf could result in subsequent rust staining by the debris arising out of the metal preparation operation.

Only Seamsil® base coat may be thinned by up to 10% to ease application. Only use Seamsil® thinners T514. Do not thin Delcote.

**Note:** White Spirit or any other solvents are strictly not to be introduced into the application system, or for cleaning. This will adversely affect adhesion and invalidate the material guarantee.

Care must be taken not to disturb the uncured Seamsil® seal to the sheet joints once applied.

Allow each coat to cure until a tack free state is achieved before applying further coats. Curing times will vary with weather conditions. Refer to product data sheets.

Application air temperature must be above 3°C and rising

Application surface temperature must be 2°C above dew point.

Always allow for expanded sheet profile, when estimating material quantities.

The installing contractor must be fully trained in the use of Sharman's coatings.

It is the contractors' responsibility to inspect each section of the application to ensure the correct measures and steps outlined in this specification document are applied.

**Disclaimer:** The information, and, in particular, the recommendations relating to the application and end-use of products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, unless from any written recommendations, or from any other advice offered by HD Sharman. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



# Seamsil 100 - Overlap

