System Specification Document

Seamsil®

Cut Edge Corrosion System

sharmans Seamsil® cut edge

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.

Preparation

All Edges

Loose and flaking coatings should be removed to a good and sound feathered edge.

Remove all rust and white (zinc) salts, thoroughly cleaning/abrading to Swedish Standard ST3. ensuring the surface is fully keyed and not polished.

Sheet ends that are perforated may be prepared as detailed above. Consideration to use a flexible bandage may be made.

Thoroughly clean the surface using Isopropyl Alcohol.

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

Additional Preparation for Overlaps

On the lower sheet any staining that has not adhered, should be removed.

Dry the lap using a mechanically driven blower ensuring the area between the sheets is thoroughly dry.

If the gap between the sheet is >5mm a stitcher screw or rivet should be used to bring the sheets together.

All debris, including any grinding swarf, must be removed prior to application.

Additional Preparation for Edges

The above preparation method should be adopted for the underside of the sheet wherever this is possible.

Seamsil Sealant

At Overlaps

The Seamsil Sealant is gun-applied into the gap between the upper and lower roof sheets, as close to the edge of the upper sheet as possible, forming a complete bridged seal and tool off to a neat edge.

Seamsil Base Coat

All Edges

The area to be treated should be at least 25mm from the edge of the roof sheet or either side of the overlap and a further 10mm beyond the prepared area of corrosion, ensuring complete coverage of all exposed steel work.

For the best finish, the coating should be applied in a straight line. To achieve this, the area should be masked off using a suitable tape to prevent overcoating onto the metal sheet.

In situations where it may be difficult to achieve a full seal, a polyester fleece can be introduced into the Seamsil Basecoat. The fleece should be installed within 30 minutes of applying the Seamsil ensuring full contact is made over the whole profile. Make sure the fleece is fully 'wetted' into the Basecoat with a brush or roller.

At Overlaps

Apply Seamsil Base Coat by brush at a minimum wet film thickness of 220 microns. Work in a smooth upward motion ensuring complete coverage of all exposed and prepared metal. Allow to cure.

At All Other Edges

Apply Seamsil Base Coat by brush at a minimum wet film thickness of 220 microns to both the top and the underside of the sheet. Ensure the coating extends at least 25mm onto the underside of the roof sheet and at least 10mm past any corrosion. Work in a smooth upward motion ensuring complete coverage of all exposed and prepared metal. Allow to cure.

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Seamsil Top Coat

All Edges

The Seamsil Top coat should be of a contrasting shade to the Seamsil Base Coat and should extend onto the sheet by a further 10mm.

At Overlaps

Apply Seamsil Top Coat by brush at a minimum wet film thickness of 220 microns. Work in a smooth upward motion ensuring complete coverage of all exposed and prepared metal. Allow to cure.

At All Other Edges

Apply Seamsil Top Coat by brush at a minimum wet film thickness of 220 microns to both the top and the underside of the sheet. Work in a smooth upward motion ensuring complete coverage of all exposed and prepared metal. Allow to cure.

The Completed System Dry Film Thickness:

At Overlaps:	**minimum 352 microns**
At All Other Edges:	**minimum 352 microns**

Application Notes

With the exception of Seamsil Topcoat, Seamsil may be thinned by up to 5% to ease application. Use only Seamsil thinners T514.

Note: White Spirit should not be introduced into the application. This will adversely affect adhesion and invalidate the material guarantee.

Care must be taken not to disturb the uncured seal. 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.

Coverage rates are for guidance purposes only.

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.

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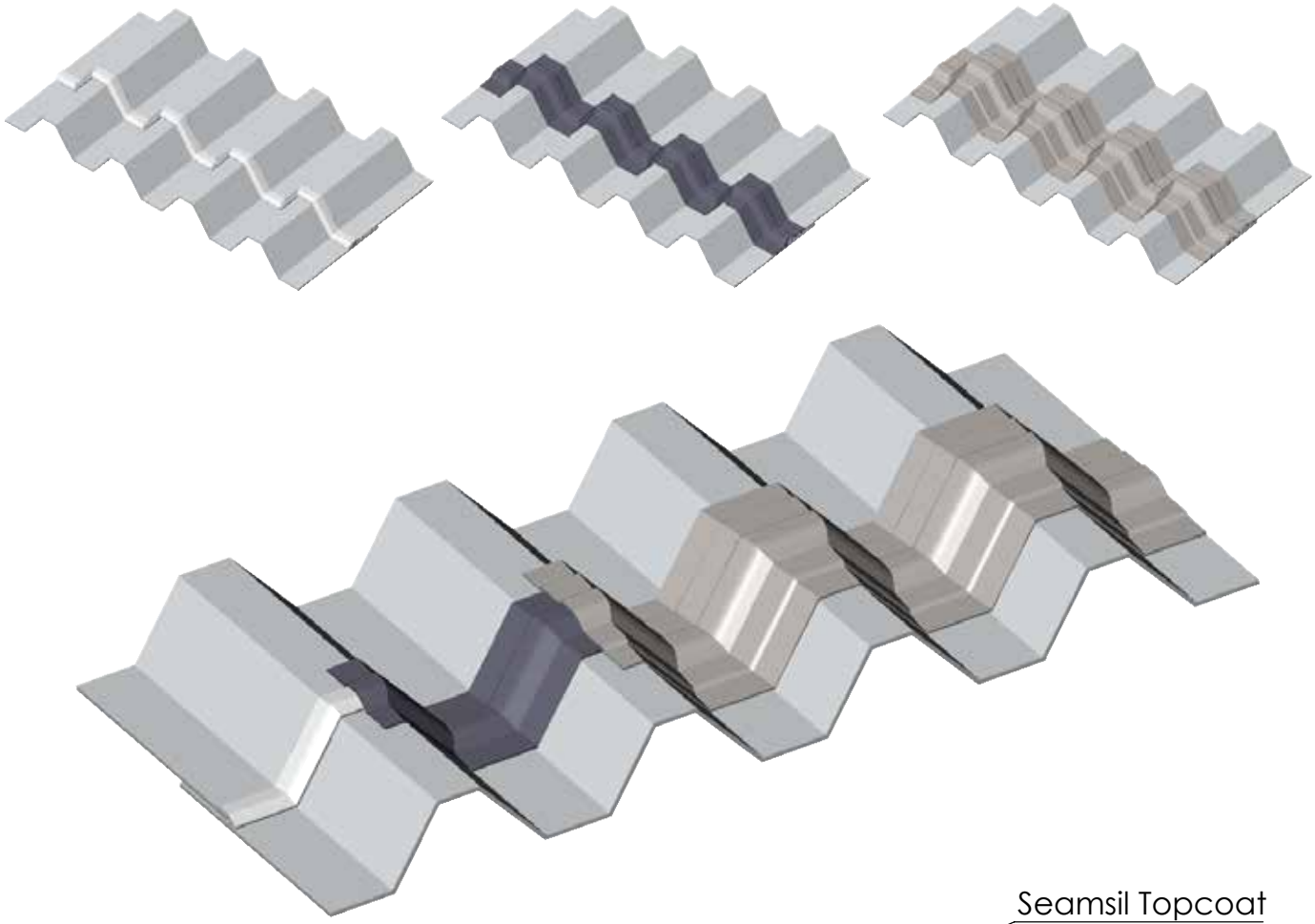
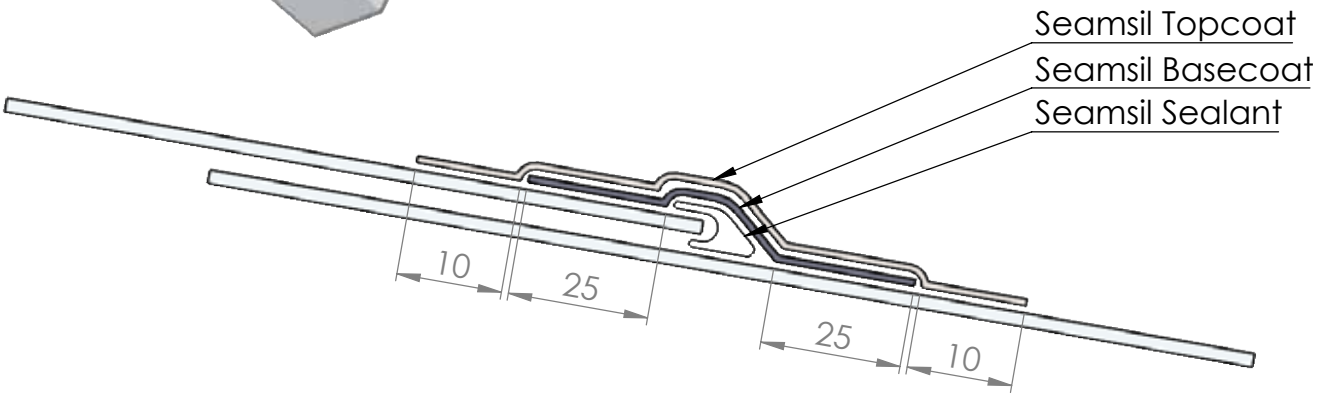
Seamsil

Seamsil Sealant | Seamsil Basecoat | Seamsil Topcoat





Seamsil Basecoat
Minimum 25mm past the Sealant oand at least 10mm past the affected prepared area.

Seamsil Topcoat
Minimum 10mm past the Basecoat.

sharmans
the gutter lining experts

Notes:

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