

Delcote® GS

Gutter coating 10 year guarantee

Preparation of Gutter Joint

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

Gutter bolt threads should be cropped close to the nut.

Remove all rust and white (zinc) salts, thoroughly cleaning/ abrading to ensure the surfaces to be treated are returned to bright metal, are fully keyed and not polished.

The surfaces and the gutter joint must be thoroughly clean and dry before material application. A hot air blower may be used to achieve this.

Finally, 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®.

Preparation of Gutter

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

The surface should be prepared to Swedish Standard ST3 by using hand and power tool cleaning. No oil, grease and dirt, should be visible to the naked eye. All poorly adhered mill scale, rust, swarf, coatings and foreign matter, must be removed (passivate (T-wash) unweathered or shiny galvanised substrates with suitable mordant solution).

Removal may be actioned by utilising a pressure washer fitted with a rotating spinning head capable of delivering minimum 3000 psi.

Note: Do not at any time clean the surface with soap detergent. This action would leave a residual film and may adversely affect adhesion. Ensure all surfaces to be treated are dry before the application of Seamsil® products.

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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.

Seamsil® Sealant

The Seamsil® Sealant is gun-applied into the joint of the gutter, forming a complete bridged seal and tool off to a neat edge.

The Seamsil® Sealant is gun-applied around the base of the bolts/fixings, forming a complete bridged seal and tool off to a neat edge.

Where there are slight perforations (up to 15mm in diameter) in the gutter joint, Seamsil® Sealant can be used to bridge the gap. This should be gunned into the hole and tooled off to a smooth edge. Any perforations larger than this should be covered by riveting a metal plate into place and the edges sealed using Seamsil® Sealant.

Whilst the Seamsil® Sealant is still wet, apply the Seamsil® Base Coat as below to form a fillet and visually obscure the joint recess/abutting joint plates.

Seamsil® Base Coat

Whilst the Seamsil Sealant is still wet, apply Seamsil® Base Coat by brush at a minimum wet film thickness of 220 microns and allow to cure.

The area to be treated should be at least 25mm from the either side of the gutter joint and a further 10mm beyond the prepared area, ensuring complete coverage of all exposed steel work and gutter joint bolts/fixings.

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

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Gutter Coating System

Sharmans Barrier Primer

Where bitumen and other volatile materials are present, apply Sharmans Barrier Primer as follows:

Thoroughly mix parts A and B using a drill and paddle (do not part mix).

Apply by brush at a wet film thickness of 157 microns (6.4m²/litre) and leave to dry overnight.

Delcote® GS Base Coat

Ensure Seamsil® treatment is touch dry.

Utilising roller or brush apply a first coat of Delcote® GS to prepared, clean & dry, structurally sound surfaces at a wet film thickness of 400 microns and allow to fully cure.

Delcote® GS Top Coat

Once the base coat is tack free (an overnight cure is recommended), apply a second coat at a wet film thickness of 400 microns and allow to fully cure.

The Completed System Dry Film Thickness:

Gutter Area: minimum 480 microns

Gutter Joints: minimum 660 microns

Application Notes

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

Seamsil® may be thinned at a 2:1 ratio (2 Seamsil to 1 thinners) to ease application. Use only Seamsil® thinners T514.

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.

At all times ensure that the surface to be treated is dry, clean and that the air temperature is above dew point and on a rising thermometer.

The installing contractor must be fully trained in the use of Sharmans 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.

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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