

Seamsil® 300

Gutter joint repairs 12 month guarantee

Preparation

Clean out the gutter thoroughly, removing all standing water, foliage, dirt, and debris. All loose and flaking and all previously applied non compatible coatings, should be removed from the entire area to be coated, and excess sealant should be removed entirely.

The whole gutter should be fully inspected to ensure water ingress issues are not apparent in any other areas of the gutter.

On galvanised steel or cast iron gutters, the area around the joint should be prepared to a minimum 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 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.

On asbestos cement and concrete gutters, remove all standing water, old treatments, dirt, grease, and surface contamination. Refer to HSE guideline sheets on cleaning weathered asbestos cement substrates.

For other gutter substrates please consult Sharmans Technical Service for guidance.

Gutter bolt threads should be cropped close to the nut where applicable.

The gutter substrate and joints must be thoroughly clean and dry before the application of Sharmans products. A mechanically driven leaf blower may be used to achieve this.

Thoroughly clean the surface using Isopropyl Alcohol.

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

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

Sharmans Barrier Primer

Bitumen and other volatile materials must be removed. Any remaining residue must be primed with Sharmans Barrier Primer as follows:

Thoroughly mix parts A and B together at a 1:1 ratio.

Apply by brush at a wet film thickness of 157 microns (6m²/litre) and leave to dry to a tack free state.

Seamsil® Sealant

Seamsil® Sealant is gun-applied 10-12mm diameter to encapsulate the joint of the gutter and around and over the bolts/fixings forming a complete bridged seal.

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. Allow to cure.

Seamsil® Base Coat should be applied at least 25mm either side of the gutter joint, ensuring complete coverage of the joint and bolts/fixings.

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.

The finished Seamsil® treatment must form a fillet across the joint that visually obscures the abutting plates.

The Completed System Dry Film Thickness: 176 Microns



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Application Notes

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

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.

Where there are slight perforations present, the substrate can be covered by riveting a metal plate into place and sealing the edges using Seamsil® Sealant and base coat.

Seamsil® base coat may be thinned by up to 10% to ease application. Only use Seamsil® thinners T514.

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

If further coats are required, 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

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

Application air temperature must be above 3°C.

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

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.

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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