

Seamsil® 400

Roof bolt encapsulation 12 month guarantee

Roof Fixing Encapsulation

Preparation

Check the integrity of the existing fixings. Suspect fixings should be replaced in accordance with recommended standards. Any plastic caps that are not integral should be removed. Loose fixings should be tightened.

Remove any degraded washers or fixing caps. Crop excess thread back to the nut. Remove any sharp edges.

Thoroughly clean the existing fixings to remove all loose and flaking rust using a wire brush.

Any previously applied coatings or repairs, especially bitumen based compounds should be completely removed.

On asbestos / fibre cement roof sheets refer to HSE guidelines on cleaning weathered asbestos / fibre cement substrates.

The roof fixing and surrounding substrate 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 soap detergent. This action would leave a residual film and may adversely affect adhesion.

Product Application

Sharmans Barrier Primer - (Where Applicable)

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 (do not part mix).

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

Asbestos / Fibre Cement Roof Sheet Hook Bolts

Seamsil® Sealant

The Seamsil® Sealant is gun-applied around the whole of the fixing, forming a complete bridged seal especially at the base.

Seamsil® Base Coat

Whilst the Seamsil® Sealant is still wet, liberally apply Seamsil® Base Coat by brush to fully encapsulate and visually obscure the complete fixing detail. The base coat should extend onto the roof sheet, surrounding the fixing by 25mm. Allow to fully cure.

Metal Roof Sheet Fixings (2 methods)

Seamsil® Top Coat (Method 1)

Brush apply one liberal coat of Seamsil® Top Coat over and around the roof fixings, ensuring a full encapsulation is achieved, especially at the base. Allow to fully cure.

Seamsil® Fixing Grade Sealant (Method 2)

Place nozzle over the fixing, ensuring it is flat and level to the roof sheet. Squeeze the trigger ensuring that required amount of sealant dispenses to encapsulate the fixing. Allow to fully cure.

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.

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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.

Seamsil® base coat may be thinned by up to 5% 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.

Each fixing must be thoroughly inspected prior to leaving the site.

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.

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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