

# Seamsil<sup>®</sup> 100

**Cut edge corrosion**  
**15 year guarantee**

Sealant

## Product Description

**Seamsil Sealant is a gun applied single component RTV Alkoxy silicone.**

### Uses

- Used in conjunction with the Delcote and Delglaze systems for the sealing of panel and rooflight overlaps prior to coating and the sealing of bolt heads to provide a stable substrate
- Used in conjunction with Seamsil Base and Top Coat, the Sealant forms an integral part of the Seamsil remedial lap joint treatment specified by most leading authorities for the repair and prevention of cut edge and lap joint corrosion in existing PVC Plastisol and Pvf2 clad buildings.

## Characteristics/Advantages

- Particularly effective when used as a primary or secondary seal in lap joints on PVC Plastisol or Pvf2 coated profiled cladding sheets to prevent the ingress of acid rainwater and pollution into corrosion sensitive areas
- Extremely flexible and lightweight
- Remains relatively unchanged over a wide temperature range and can be used throughout the year
- Seamsil Sealant has excellent weathering characteristics, being unaffected by UV and extremes of weather and temperature.

## Product Information

Chemical Base	Alkoxy silicone, Room Temperature Vulcanising
Packaging	310ml cartridge
Colour	Grey
Shelf Life	12 months
Storage Information	Store in a cool, well ventilated, frost free area
Specific Gravity	1.39
Shore A Hardness	20 (approx.)
Tooling Time	30 minutes (approx.)
Time to Full Cure	10-14 days
Movement Capability	+/- 50%
Elongation at Break	700%
Tensile Strength	1.6 N/mm <sup>2</sup>

## Application Information

Application Temperature Range	+3°C to +60°C
Service Temperature Range	-50°C to +100°C
Dew Point	Surface to be 2°C above dew point



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#### Application Instructions

For system specific application instructions, please refer to the relevant specification or consult Sharmans Technical Services team.

#### Substrate Preparation

All surfaces should be clean, dry, sound and free from all contaminants such as dust, rust, grease, etc. Surfaces should be prepared to Swedish standard ST3 .

#### Application Method/Tools

Cut the nozzle at an angle and apply the Sealant with a hand or air operated gun. Tool using an appropriately shaped spatula or brush to spread the Sealant against all surfaces.

#### Cleaning of Tools

Clean all tools with a Xylene based cleaner. Once cured the material can only be removed mechanically.

#### Notes on Application/Limitations

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 painted 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, which is technically and aesthetically unacceptable.

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

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

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#### 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 accordance with recommendations. 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, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. HD Sharman reserves the right to change the properties of its products. 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 local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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#### HD Sharman Ltd.

High Peak Works  
Chapel-en-le-Frith  
High Peak, Derbyshire  
SK23 0HW

**T.** 01298 812371  
**F.** 01298 812237  
**E.** [info@hdsharman.co.uk](mailto:info@hdsharman.co.uk)  
**W.** [hdsharman.co.uk](http://hdsharman.co.uk)



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