

# Plygene<sup>®</sup> gutterline

Providing permanent  
gutter leak prevention  
**25 year guarantee**

## Gutter Lining System

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### Preparation

It is recommended that Sharman's Technical Support team are consulted early in the design process.

**Manufacturer:** HD Sharman Ltd.

**Product reference:** Plygene® Gutterline system.

**Materials:** Thermoplastic liner, specified fixings, drainage (gravity and syphonic) and network components.

**Gutter profiles:** Bespoke system with a seamless liner for any width, length and profile.

**Substrate:** Steel, cast iron, aluminium, concrete, fibre cement, wood. (Also suitable for half-round asbestos with special fixing kit.)

**Preparation:** Thoroughly clean out the gutter and remove debris and sharp objects that may damage the thermoplastic liner. Any upstanding protrusions such as bolts etc., to be cut back, smoothed and reduced and covered and cushioned with Plygene® Gutterline protection pads to protect the liner from any damage.

**Fixing and jointing:** The liner is to be fixed around apertures and along its length at 500mm centres using Sharman's specified fixings. Pre-formed bespoke moulded units to be hot air welded to the Plygene® Gutterline liner. Joints formed between Plygene® Gutterline liner to be made by hot air welding a banding strip of system Weldstrap across the joint.

**Termination at boundaries and open-ended gutters:** Using the system Boundary Sealing Kit, the liner is trapped between layers of elastomeric bituminous strips covered with a plastisol coated galvanised strip. The galvanised strip is pre-punched and fixed using the specified fixing kit provided. The whole assembly should be hot air warmed on the final tightening of the screws to create a waterproof seal.

**Weathering of liner:** All exposed liner at the outer edges of the gutter must be adequately secured and sealed using the system flashings and fixings as specified by Sharmans or suitably terminated under the existing roof sheet flashings.

**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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**Outlets:** Bespoke moulded outlets in a weldable material are individually manufactured to suit gravity side-sole, side box and sump outlets and all syphonic types, etc. Other details: Bespoke moulded units in a weldable material are individually manufactured to suit any detail.

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**Wind uplift restraints:** Install wind uplift restraint straps in line with Sharmans recommendations by either twin fixing to the top of the gutter under a flashing or trapping under the existing roof sheet.

**Final check:** Ensure the liner is pressed firmly along the crease line to the profile of the gutter, all mechanical fixings and flashings are secure, and probe test all welds.

**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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