

Plygene[®] gutterline

Providing permanent
gutter leak prevention
25 year guarantee

Gutter Lining System

Specification Document

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

The Plygene system should only be installed by Sharman's approved/trained contractors.

Manufacturer: HD Sharman Ltd.

Product reference: Plygene[®] Gutterline system.

Materials: Thermoplastic liner, specified SS fixings, drainage (gravity and siphonic) and moulded network components.

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

Substrate: Steel, Aluminium, Concrete, Fibre cement, Wood, Cast iron (consult Technical).

Preparation: Thoroughly clean out the gutter and remove debris and sharp objects that may damage the thermoplastic liner, remove all standing water. Any gutter fixings should be cropped to the top of the nut and covered with Plygene[®] Gutterline fleece back protection pads to protect the liner from any damage.

Fitting the Plygene Liner: Ensure the liner is pressed firmly along the crease line and to the full profile of the gutter. Gutter capacity may be increased with a suitable design - consult Technical

Fixing and jointing: The liner is to be fixed around all components and along its length using Sharman's specified fixings and flashings. Pre-formed bespoke moulded units are to be hot air welded to the Plygene[®] liner (Minimum weld of 60mm). LJS (liner joint sealing Kit) should be used to join liner to liner.

Termination within gutters: A BJS (Boundary Joint Sealing Kit) is to be used when terminating the system within a continuous gutter.

Weathering of liner: The liner is to be weathered and fixed behind new or existing flashing at 500mm centres. Flashings should be overlapped 150mm at every joint.

Exposed liner at the outer edges of the gutter must be adequately secured and sealed using the system flashings and fixings as specified by Sharman's 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 and siphonic drainage systems.

Other gutter network components: Bespoke moulded units in a weldable material are individually manufactured to suit any detail. This includes corners, stop ends, transitions, etc.

Liner Retention plates (LRP): Install liner retention plates in line with Sharman's recommendations by twin fixing at the highest point under a flashing or under the existing roof sheet.

Final check: Ensure all mechanical fixings and flashings are secure, and probe test all welds when suitably cooled.

Welding to existing liner/repairs: The existing liner should be cleaned using IPA (Isopropyl alcohol) before and after abrading using a recommended 90Grit emery cloth *NOT containing Silicone carbide.

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.

HD Sharman Ltd.
High Peak Works
Chapel-en-le-Frith
High Peak, Derbyshire
SK23 0HW

T. 01298 812371
E. info@hdsharman.co.uk
W. hdsharman.co.uk



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