

## FOCUS ON SEAMLESS ALUMINIUM PRE-PAINTED GUTTER SYSTEMS

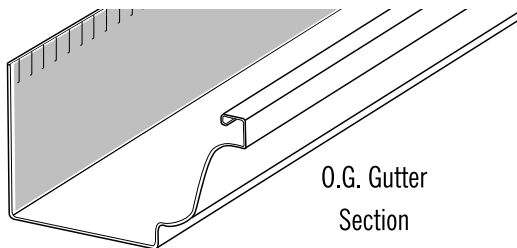
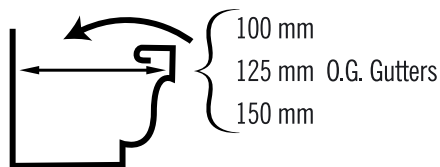
### History

Seamless gutters originated in Canada/USA in the 1920s being introduced into the UK in the early 1970s. The 1990s saw rapid growth in the use of seamless gutters in Europe. Seamless gutters have grown in the UK recently alongside the rapid growth in low maintenance roofline products seen in the late 1990s.

### What are seamless gutters?

Pre-painted aluminium coil is cold rolled formed on site to the required gutter lengths (up to 30 metres) by installers, generally working in teams of two, using a portable cold roll forming gutter machine mounted on a vehicle or trailer.

### What is available?



### What are the advantages of seamless gutters?

- Clean continuous lines
- No joints in a running length (up to 30 metres), subject to access
- Robust
- Environmentally friendly, produced from recycled aluminium which, in turn, is again recycled
- Gutter system complies with BS EN 612
- Economic - quick to install with no waste, as site-formed to building dimensions



### Where is it available?

The UK is covered by a network of independent installers who roll form the seamless guttering on site. Details can be obtained by contacting the Association who will put you in touch with the appropriate manufacturing members.

### Installation

The gutters are supported by internal (hidden) brackets that are directly fixed. There is also the option of rise and fall brackets and rafter brackets where no fascia board is available.

### Expansion

The British Board of Agrément recommends that expansion joints are only needed where the required gutter is over 30 metres long.





### The market

With over 3,000 miles fitted to date in the UK alone, seamless gutters are an ideal solution for replacement guttering in private and public sector housing, and increasingly on 'new build', often being installed with maintenance-free fascias, soffits and downpipes.

### Metal gutter CPD gives the facts

The Metal Gutter Manufacturers Association (MGMA) has produced a CPD seminar titled, **Selecting and Designing Metal Gutters**, designed to inform specifiers about the types of metal gutter systems available, their applications and good practice.

The 40-minute seminar examines design considerations, shapes and profiles, fixings and joint detailing. In addition,

the seminar looks at materials, finishes, maintenance and sitework and is supported by a comprehensive series of illustrations and samples.

The seminar also demonstrates how rainwater intensity design rate is determined, the basic method of calculating volume of rainwater run off and the replacement of BS 6367 with BS EN 12056.

In the past there has been a lack of detailed guidance available covering the specification of metal gutters and the MGMA believes that this CPD seminar will give specifiers the knowledge they need to specify metal gutter systems with confidence.

If you would like to arrange a seminar for your practice please contact us on **0151 652 3846**.



### Publications

**Metal Gutters: The Guide** is intended to help designers specify the correct metal gutter system for any given building application. The 12-page guide covers design considerations, materials, gutter manufacturing processes, fixings, joint details and sitework. Also included are examples of typical shapes and profiles of gutters and downpipes.

**Installation Guide** (data sheet No 1) - sets out the basic principles of metal gutter installation in a clear, easy to read format. The data sheet considers the merits of the different materials available, including aluminium, steel, cast iron,

stainless steel, copper and zinc. In addition, commonly used fixing methods are also explained.

**Focus on cast iron rainwater goods** (data sheet no 2) - outlines the development of cast iron gutters and pipes, describes the manufacturing process and illustrates the different types of gutter available.

**Rainwater drainage design EN12056:3-2000** (data sheet no 3) - highlights the changes in the new standard that affects the specification and selection of rainwater goods. These changes include rainfall intensity, catchment area, gutter capacity and outlet/downpipe capacity.

### Visit our web site

Visit our web site - [www.mgma.co.uk](http://www.mgma.co.uk) - where you can contact MGMA members at the click of a mouse and discover the products and services available. Members are only too pleased to help with any problems you have and can provide design assistance should you need it.

### Metal Gutter Manufacturers Association

18 Mere Farm Road, Prenton, Wirral, Cheshire CH43 9TT Tel: 0151 652 3846 Fax 0151 653 4080  
email: [info@mgma.co.uk](mailto:info@mgma.co.uk) [www.mgma.co.uk](http://www.mgma.co.uk)

Whilst the information in this data sheet is believed to be correct at the time of going to press, the Metal Gutter Manufacturers Association and its member companies cannot be held responsible for any errors or inaccuracies and, in particular, the specification for any application must be checked with the individual manufacturer concerned for a given installation.