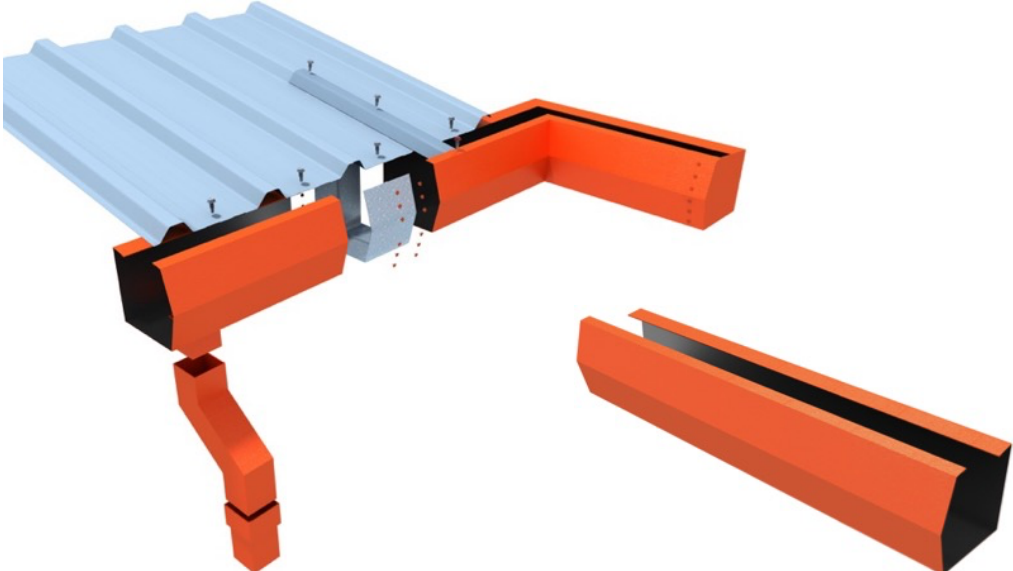



Trimline Gutters

Description	
Application	<p>Trimline eaves gutters and perimeter flashings are often the most prominent aspects of a roof that are noticed by building users. The actual roof covering is often out of sight.</p> <p>The perimeter flashings and gutters need to be of a good standard and to integrate together well at junctions.</p> <p>Trimform Trimline eaves and box eaves gutters are produced from pre-coated steel and pre-coated or post coated aluminium, complete with mitre corners, stopends, hopper heads, butt straps, square or round downpipes, sealants and fasteners.</p> <p>Trimline gutters are manufactured to order to the customer’s dimensions.</p> <p>Membrane gutters for valley or other internal gutters are covered in data sheet “Membrane lined insulated gutters”.</p> <p>Bull nose fabrications, fascias, verges etc are covered in data sheet “Trimform Fabrications”</p>
	
Sole width	To customer order with minimum 150mm advised. Note that the sole width has to accommodate the outlet diameter and installation.
Depth	To customer order, minimum 150mm advised
Substrate thickness	Minimum 0.7mm steel or 0.9mm aluminium
Lengths	To customer order, maximum 3.000m
Joint	120mm internal butt strap, loose or factory bonded one side (aluminium).
Shape	The gutter shape is to customer order, flanges are angled to suit the roof pitch. The gutter sole should be designed as horizontal.
Options	<ul style="list-style-type: none"> Gutter arms, to match roof sheet material. Stop ends Weir over flows Prefabricated bends/ cranks Sumps Integral outlets Tapered or sharp edge outlets Mitred corners Factory applied black bitumen paint internal added protection T-Pren expansion joint sections

Trimline Gutters

<p>Materials</p>	<p>Post coated aluminium (PPC) to the specified RAL colour Pre-coated aluminium</p> <ul style="list-style-type: none"> • PUR-PA, 28µm • PVdF, 28µm • SP, 35µm <p>Pre-coated steel</p> <ul style="list-style-type: none"> • Plastisol PVC(P), 200µm • Polyester SP, 25µm • High Build Polyester HBP, 50µm • Colorcoat® GP, LG and HPS200 Ultra®, 200µm • Colorcoat® SDP 35-RWG <p>Aluminium and double sided steel give best durability.</p>
<p>Installation</p>	
<p>Sealants</p>	<p>Gutter: 2 lines gun applied low modulus, neutral cure sealant to each side of the butt strap</p>
<p>Fasteners</p>	<p>Gutter arm to roof sheet: Rivets or stainless steel colour headed stitcher screws, 3No per gutter arm Gutter to roof sheet: Rivets or stainless steel colour headed stitcher screws, 5No per m. Butt strap: Rivets or Stainless steel colour headed stitcher screws, 75mm centres</p>
<p>Delivery</p>	<p>Products are protected, banded, shrink wrapped. Delivery is by Trimform Products delivery fleet. Inspect packs and record any damage/shortages on delivery paperwork, backed by photos to be sent to Trimform with a report within 48 hours.</p>
<p>Performance</p>	
<p>Design</p>	<p>The standard for calculating the sizing of guttering and downpipes is BS EN 12056-3:2000. Contact Trimform for assistance with gutter capacity design. External eaves gutters, unless within a projecting fascia/soffit are allowed to overflow in extreme circumstances. Note that back or side outlets, leaf guards, bends in downpipes and corners in gutters can restrict flow and must be allowed for in design. Tapered and round edge outlets give best flow. Pipe (square or round) are typically 50mm, 63mm, 75mm, 100mm, 150mm and 200mm Aluminium gutter installation should make allowance for aluminium thermal movement. T-Pren aluminium/neoprene/aluminium expansion sections available, install at 8m centres. Gutter brackets should be at max 1m centres and 1m long (minimum).</p>
<p>Maintenance</p>	<p>Gutters that are not cleaned regularly will degrade quickly due to a build-up of debris such as grit, bird carcasses, plastic bags and a myriad of varying plants and trees etc. Depending on the location and surrounding topography, gutters should be cleaned once or twice a year. using a soft bristled brush and a plastic shovel to collect the debris.</p>
<p>References</p>	
<p>Reference Standards</p>	<p>MGMA Guidance documents www.mgma.co.uk</p>
<p>Trimform Products</p>	<p>Trimform Products, Harding Way, Somersham Road, St. Ives, Huntingdon, Cambridgeshire, PE27 3WR T 01480 461103, E info@trimformfabs.co.uk</p> <p>Trimform Products (a division of Building Solutions (National) Limited). Registered in England and Wales No. 11912299.</p> <p>Colorcoat® GP, LG and HPS200 Ultra® are trademarks of Tata Steel UK Limited</p> <div data-bbox="411 1861 579 1989" style="text-align: center;">  <p>Assessed to ISO 9001:2015 Cert/LPCB ref. 635-1</p> </div>