

Lokroll - Secret fix standing seam roofing system

Product Properties

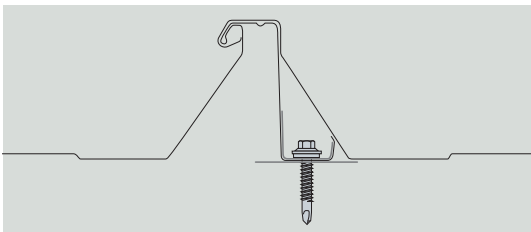
Product Description

The RigiSystems Lokroll standing seam roofing system features a unique roll locking fixing method which creates a continuous weathertight roof without any through fixings. The interlocking sections fix directly to the supporting structure, concealing the fixings and providing complete protection from the elements.

The use of standard accessories and the absence of ancillary clips, caps or reliance on mastic, fillers or site seaming machinery provides an easily installed and aesthetically pleasing roof construction. Available in Aluminium and Steel in a cover width of 500mm, the system provides a structurally sound roof with excellent resistance to wind uplift.

The Lokroll sheets are available in long lengths, which helps to eliminate the need for any end laps.

With dramatic changes to the Building Regulations upon us, the RigiSystemsLokroll standing seam system easily complies with the stringent performance standards proposed over the next few years.



Application

Rigidal Lokroll is designed for use in standing seam roofing applications where the actual roof pitch is 1.5° or greater. Offering exceptional weather resistance and durability the product is suitable for both newbuild and refurbishment applications.

Product Tolerances

Cover Width (mm)	+/-2
Edge Squareness	1% of sheet cover width
- Up to 10m Long	+10mm/-5mm
- Over 10m Long	+10mm+ (1mm per metre length over 10m)/-5mm



Lokroll Typical Weights - Steel

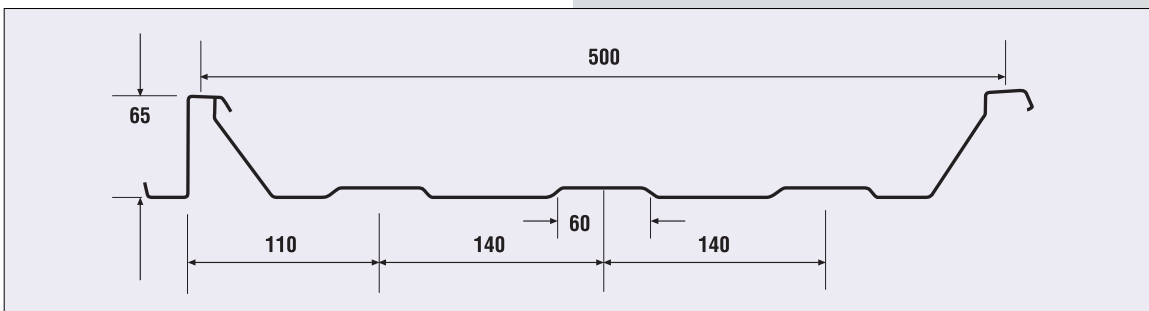
Profile Width (mm)	0.7 mm	
	Kg/m ²	Kg/lm
500	8.20	4.10



Product Dimensions

Nominal Gauge (mm)	0.7
Sheet Length (m)	1.5 to 27m
Effective Cover Width (mm)	500

Please contact our Technical Department for further information.



Fire Performance

RigiSystems Lokroll standing seam roofing systems achieve the following results that enable them to achieve a Class O rating as classified by Building Regulations.

Test	Result
BS476 : Part 3 : 1975 External fire exposure roof test	FAA/SAA
BS476 : Part 7 : 1997 To determine the classification of the surface spread of flame of products	Class 1 Rating for aluminium/steel inner/outer metal facings

Acoustic Properties

The RigiSystems Lokroll standing seam roofing system has the flexibility to meet the acoustic requirements of most buildings. For further information, please contact our Technical Department.

Standards & Approvals

RigiSystems Lokroll is produced to the highest quality standards including BS EN ISO 9001: 2000 and ISO 14001. The product has been designed to fulfil a specific application and has been manufactured to precise standards and tolerances.



Guarantees & Warranties

RigiSystems will provide a product warranty and guarantee on the internal and external coatings on a project by project basis.

For further information, please contact our Technical Department.



Packaging

RigiSystems Lokroll is packed with polyurethane insulation strips between each sheet and banded with timber.

Fully timber crated packs are available for projects where delivery is required by sea freight.

Delivery

Unless otherwise indicated all deliveries are by road transport, direct to the project site. Shipping by sea freight is subject to an additional cost.

Site Installation

For instructions on site installation please contact our Technical Department.



Metal Top Sheet

The external weather sheet is pre-painted Z275 galvanised steel with the following finish. (3000 series aluminium is also available to special order. Please contact our Sales Department for further information).

Plastisol - high performance coating for steel substrates which can attain a protective and decorative life of 25 years.

Durability of Coatings

The durability of a metal coating is determined by geographical location, local environment and the colour selected. The information given above is intended as a general guide for locations in the UK. For further information please contact our Technical Department or the relevant coatings manufacturer.





RIGI***SYSTEMS***

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