

FACTORY-MANUFACTURED SINGLE PLY MEMBRANE GUTTERS

WHAT ARE SPRA COMPONENT QUALITY STANDARDS?

SPRA Component Quality Standards set a benchmark of performance for products used in single ply membrane systems. They are a vital aid to specification and define the minimum technical standard for membership of the Association. All SPRA CQS are available by download from www.spra.co.uk

PRODUCT DESCRIPTION

Galvanised steel substrate with an adhered polymeric membrane.

TYPICAL APPLICATIONS

Uninsulated and insulated gutters in new construction and refurbishment.

REQUIREMENTS			
Product characteristic	Test Method	Machine-laminated	Manually laminated
Membrane thickness (min) CLASS A CLASS B	ECCA-T1	1.2mm 0.6mm	1.2mm Not recommended
Membrane adhesion	BS3900/E2	100% adhesion flat cross hatch + Erickson	100% adhesion flat cross hatch + Erickson
Corrosion resistance – salt spray	ECCA-T8	1000 hrs	1000 hrs
Corrosion resistance – humidity	BS3900/F2	1000 hrs	1000 hrs
Scratch resistance	EN 13523-12		
Resistance to salt spray	EN 13523-8		
Maximum continuous operating temperature		80°C	80°C
Minimum forming temperature		16°C	16°C
Formation of joints		Hot air welded	Hot air welded
Guarantee CLASS A CLASS B		Min 10 years – Max 25 years* Min 10 years - Max 15 years*	

*In accordance with manufacturers terms and conditions

REQUIREMENTS FOR ON SITE TESTING AND INSTALLATION	
Membrane joint thickness	1.2mm (min)
Compatible internal & external corner units and rainwater outlets available	YES
Gutter and membrane manufacturer installation training required	YES
Installation and maintenance guide	YES
DESIGN / SYSTEM REQUIREMENTS	
Gutter capacity to be designed to BSEN12056:3 – 2000 Roof drainage layout and calculation.	
Gutter to be designed to withstand all anticipated loads in accordance with appropriate standards in regard to structural loading, wind loading, and non-fragility.	
Manufacturer factory production control: ISO9001 accredited.	
Manufacturer environmental management : ISO14001 accredited (or working towards).	
Membrane to be supplied by SPRA member manufacturer.	

SPRA MEMBERS WHICH SUPPLY THIS PRODUCT

IKO Polymeric (www.ikogroup.co.uk) Tel: 01257 488000

Kingspan Limited (www.kingspanpanels.com) Tel: 01352 716100