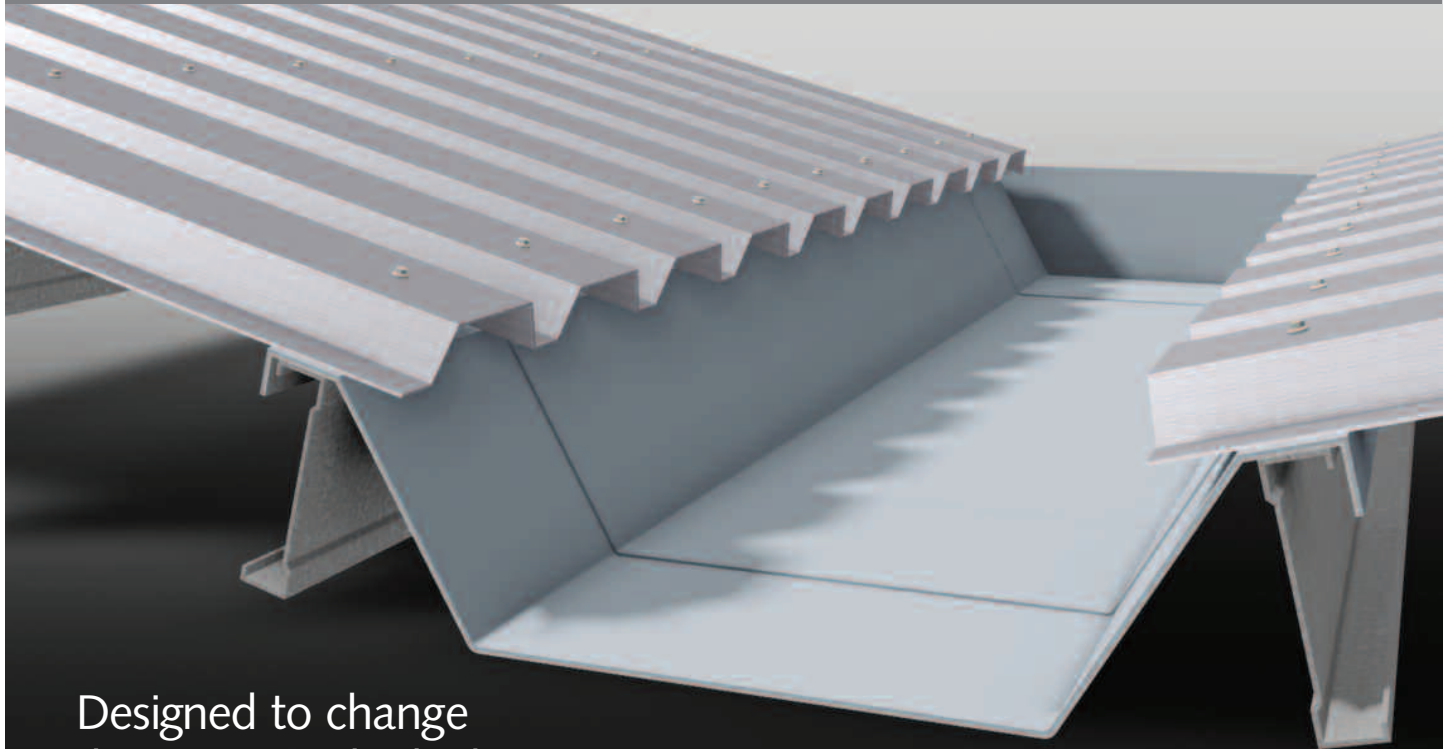


Rainwater Management?
IKO Polymeric throws down the
gauntlet with Armourflow.

Armourflow Coated Metal. Ultimate simplicity, ultimate performance, ultimate durability.



Designed to change
the way you think about rainwater management.

Since its inception, IKO Polymeric has earned a reputation for producing innovative waterproofing solutions for the roofing industry. Like many of its predecessors our latest product range sets a new standard, but this time by providing a superior solution for the management of rainwater on commercial building projects.

Superior waterproofing and strength.

Armourflow Coated Metal is a 2.4mm thick PVC faced steel sheet specifically developed to be site-formed into high performance gutter sections. Each composite sheet incorporates a 1.2mm thick Armourplan® PVC membrane, factory bonded to a 1.2mm thick steel substrate.

Together, they form a single ply material that is extremely resilient, yet malleable enough to accommodate almost any architectural requirement.

Faster installation than any other gutter membrane.

Designed to provide the ultimate combination of site efficiency with superb drainage characteristics, Armourflow Coated Metal gutters can be installed in up to half the time of traditional membrane gutters due to a simple but important feature; the Armourplan® PVC membrane overlap that extends 75mm beyond the steel substrate at one end.

In traditional membrane gutter systems each sheet of membrane needs to be jointed to the next sheet with a separate PVC strip.

Hot air welding each of these joints consumes valuable time and creates a point of potential weakness in the gutter.

Armourflow Coated Metal's 75mm overlap eliminates this joint strip entirely, saving material and labour costs.

Improved drainage efficiency.

The environmentally friendly PVC bonded to every sheet of Armourflow Coated Metal has an ultra-smooth sealed finish that promotes the free flow of water and maximises drainage efficiency.

The smooth PVC finish reduces the build up of silt and debris in the sole of the gutter, maximising out-flow rates and reducing maintenance.



Designed to be different, designed to be better.

The installation friendly design of Armourflow Coated Metal combines with unrivalled waterproofing integrity to deliver the next step in commercial membrane lined gutters.

- Easily formed into gutters with standard tooling
 - Unique overlap makes installation fast
 - Reduction on hot air welding time for installation
 - Neutral mid-grey Armourplan® PVC colour finish
 - Available in 3m lengths and three widths up to 1.475m
 - Range of matching accessories, including bespoke stopend units, outlets and strips
 - Sheets can be used to form bespoke detailing
 - Technical, sales and training support provided by IKO Polymeric
- Manufactured in the UK.**
- Armourplan® membranes are manufactured in an ISO accredited, state-of-the-art production facility in Chesterfield
 - The latest extrusion technology and computer controlled manufacturing ensure consistently high quality, whilst saving on energy and waste

Specification and Performance

SHEET WIDTH	1000mm / 1250mm / 1475mm
SHEET LENGTH	3000mm (+75mm overhang)
STEEL	Hot dipped galvanized to BSEN10147 1995, DX51D G275 and AZ150
STEEL THICKNESS	1.2mm
MECHANICAL PROPERTIES	Suitable for cold forming with any standard production method: shearing, press brake and folding (with guage compensation)
COLD FORMING TEMPERATURE	16° minimum
ADHESION	100% flat cross hatch and Erickson with tape
CORROSION RESISTANCE	1000 hours humidity and salt spray
ARMOURPLAN® MEMBRANE THICKNESS	1.2mm
REINFORCEMENT	Glass Tissue
POLYMER	Polyvinyl Chloride (PVC)
COLOUR	Mid Grey (Nearest RAL 7046)
SURFACE FINISH	Smooth
DURABILITY	In excess of 30 Years (BBA)

Ancillary Products.

To complement the Armourflow Coated Metal Sheets IKO Polymeric Offer a full range of ancillary items:

- Non-reinforced and reinforced membrane strips
- Pre-formed internal and external corners
- Rainwater outlets
- Seam cleaner
- Armourplan® contact adhesive
- Armourplan® PVC mastic sealant

In addition to a range of standard items, IKO Polymeric can offer bespoke details formed at our production facility from Armourplan® membrane. These could include outlet sleeves, non-standard corner units, stop-end sections etc.



As a global leader in the manufacture and supply of waterproofing, roofing and insulation materials, IKO Polymeric is committed to minimising its environmental impact. IKO Polymeric takes responsibility for the effects its business has on the planet. From planning and paperwork, to our manufacturing processes and materials, distribution and use, we consider the environmental impacts throughout the product lifecycle.

The Armourplan® UK manufacturing plant has BS EN ISO 9001 and BS EN ISO 14001 accreditation*.

It is built using recycled building materials and is designed in accordance with BREEAM**, the world's leading and most widely used environmental assessment method for buildings. It also re-uses by-products from manufacture, wraps products in minimal packaging and employs a streamlined transportation network. All materials offered by Armourplan® PVC are resistant to weathering, chemical oxidation and UV radiation which ensures long term durability, a key factor in environmental sustainability.

*ISO 9001 is the International Standards Organisation Standard for Quality Management Systems.

ISO 14001 is the International Standards Organisation Standard for Environmental Management Systems.

**Building Research Establishment Environmental Assessment Method.

n55Plus



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