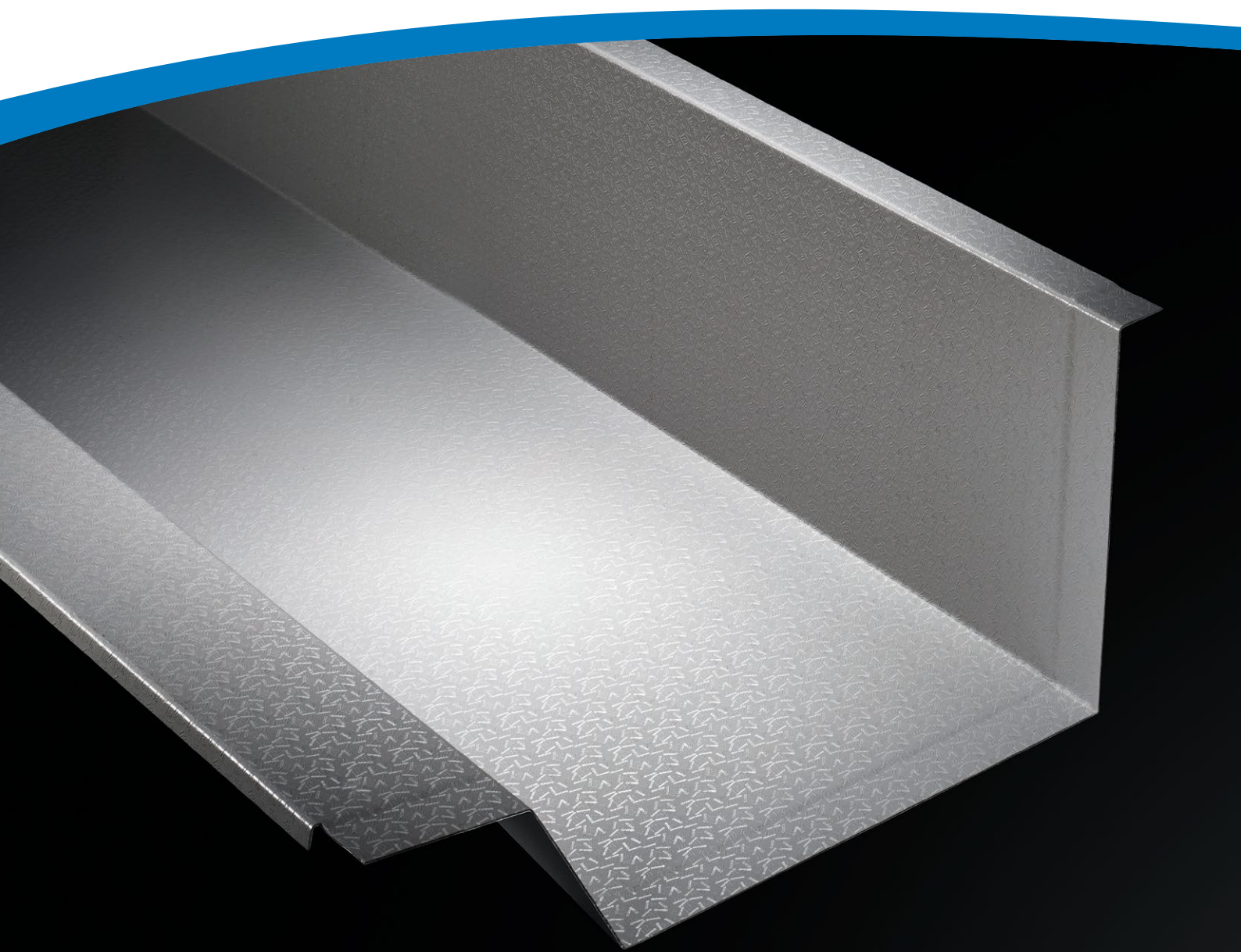


TATA STEEL



Colorcoat Aquatite®

A life-times waterproofing – guaranteed



Colorcoat Aquatite®

Pre-finished steel for membrane rainwater systems

Colorcoat Aquatite® consists of a tough 1.2mm PVC membrane that is factory-bonded to a galvanized substrate. It combines to provide a watertight solution that can be used to manufacture fully sealed rainwater systems, guaranteed for 25 years.

COLORCOAT AQUATITE® OPTIONS



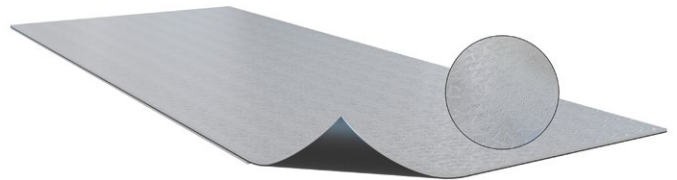
Smooth finish
(To suit end to end butt strap welding)



Smooth finish with flap
(Weldable flap to suit on-site welding)



Slip resistant emboss
(To suit end to end butt strap welding)



Slip resistant emboss with flap
(Weldable flap to suit on-site welding)

Colorcoat Aquatite® is manufactured by Tata Steel in Shotton, North Wales.

Specifically developed for industrial, residential, commercial and agricultural applications, the water resistant membrane offers the perfect, hassle-free rainwater management solution.

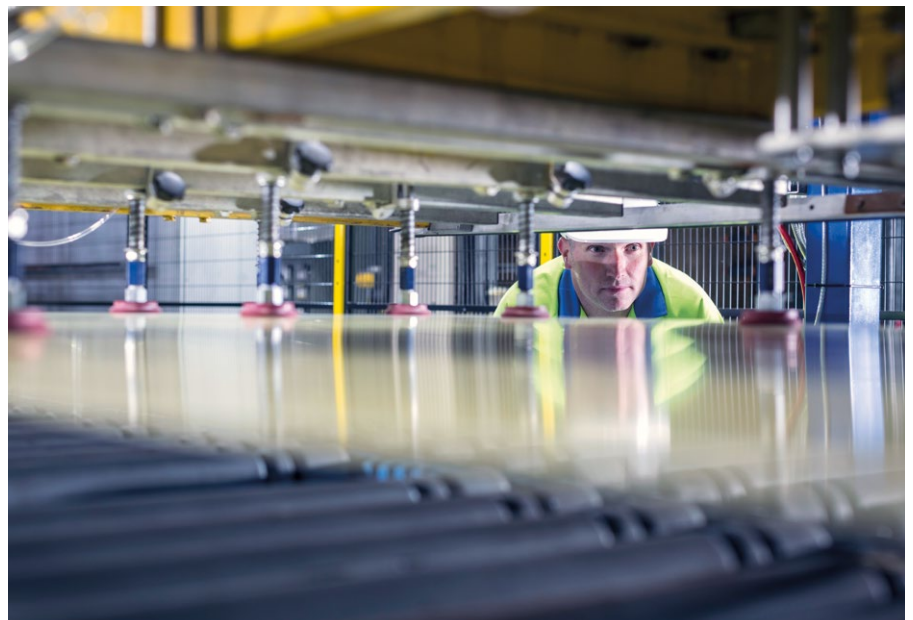
Suitable for gutters, flashings, roofing and parapet copings, the non-permeable membrane is available in a range of thicknesses.

Supplied with a smooth finish or our certified slip resistant emboss, Colorcoat Aquatite® provides excellent colour stability and resistance to UV light, heat, harsh weather conditions and general wear and tear.

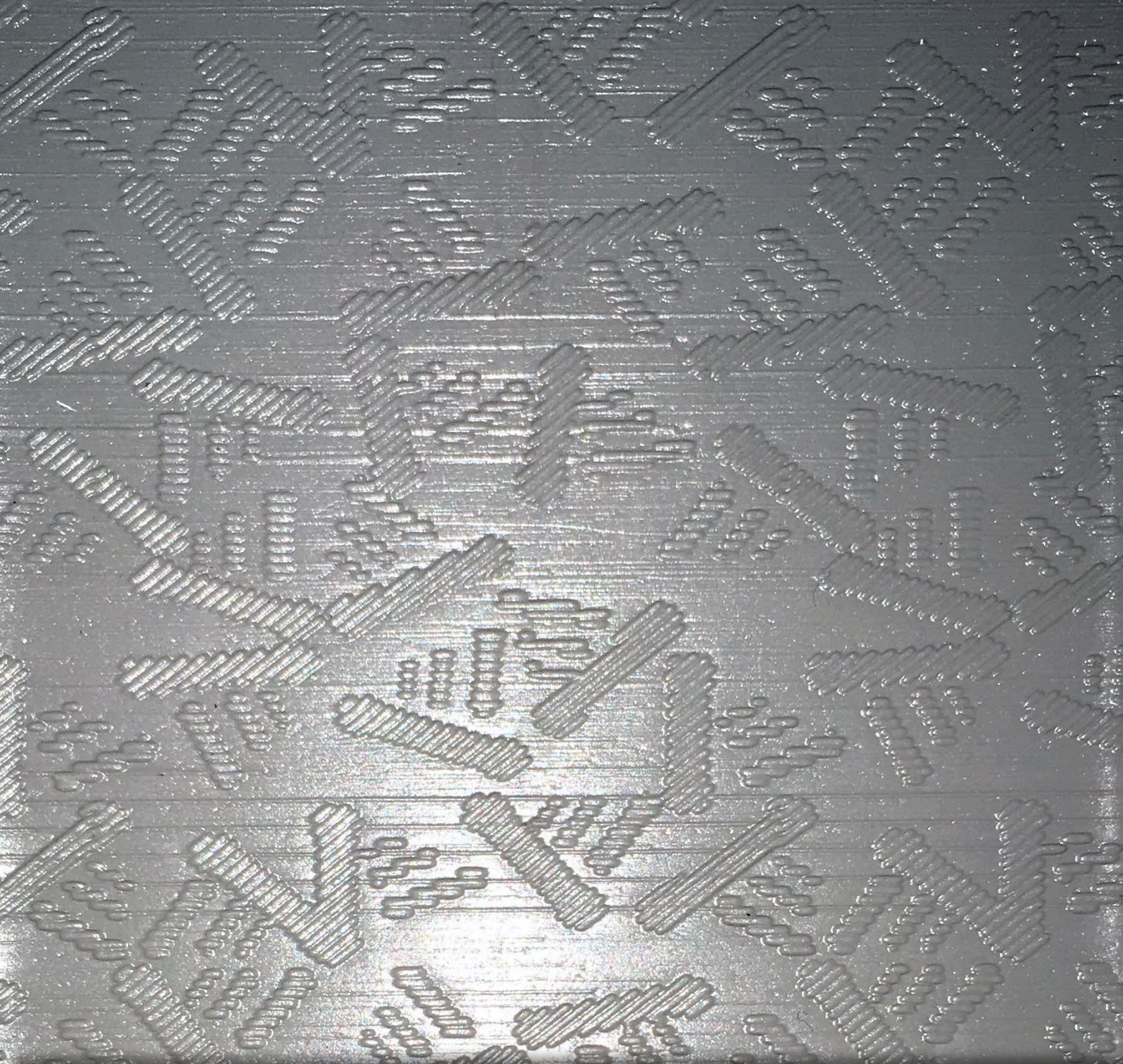
MAKING THE RIGHT CHOICE MATTERS

Colorcoat Aquatite® offers an unbeatable combination of a strong, formable metal substrate with a non-permeable weather resistant membrane factory-bonded to the water-carrying surface.

This highly effective construction gives a superior quality finish for maximum drainage efficiency. It comes with the reassurance of a leading guarantee and technical guidance on specification.



Gauge	Width	Standard
1.2mm	1000mm (1m)	Yes
	1250mm (1.25m)	Yes
	1435mm (1.435m)	Yes
1.5mm	1000mm (1m)	Yes
	1250mm (1.25m)	Yes
Length		
Up to a maximum of 4.5m		

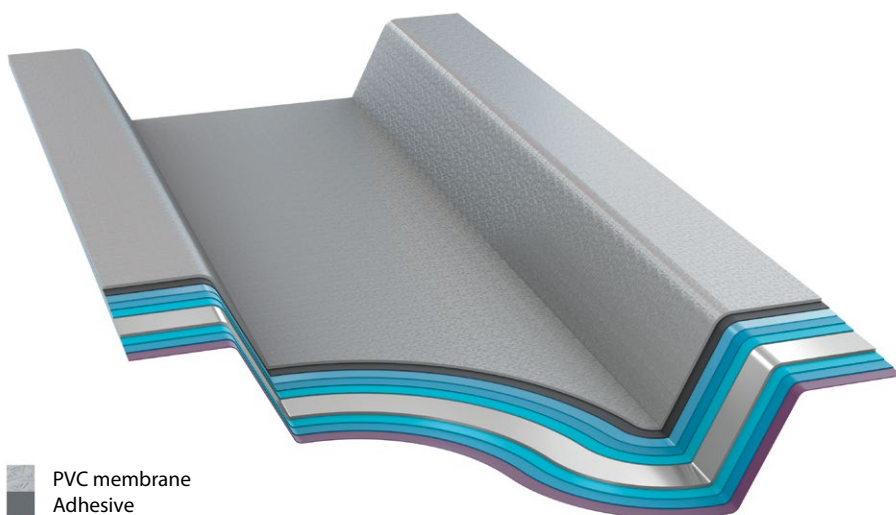


A life-times waterproofing – guaranteed

Essential components

Key benefits include:

- Guaranteed for 25 years.
- Robust, highly durable 1.2mm non-permeable PVC membrane combined with a high performance 1.2mm or 1.5mm hot dip galvanized substrate to BS EN 10147.
- Available with a slip resistant emboss, independently tested and certified to BS 7976-2 for safer rainwater goods installation and maintenance.
- Factory-bonded to a Colorcoat® pre-finished steel substrate with bondable backing coat, for assured adhesion.
- Fire resistance performance tested to BS 476 Part 3 and ENV 1187 test 4. Achieves national class EXT.FAB and European Class Broof(t4).
- Supplied as standard in grey, with excellent colour stability.
- Supplied in coil or flat sheet.
- Designed to form a sealed, water carrying surface, free from the reliance of additional bolts and sealants, providing a more visual aesthetic finish.
- Simple and easy to fabricate. Supplied with a choice of end to end butt strap or with a weldable flap to suit on-site welding, reducing installation time by 50%.
- PVC membrane can easily be hot air welded or chemically bonded.
- Available with Tata Steel's Platinum® Plus building system guarantee, covering the entire envelope for up to 30 years.
- Available in small order quantities in lengths up to 4.5 metres.
- Limitless design possibilities, can be moulded effortlessly into a wide range of shapes to meet customer requirements.



- PVC membrane
- Adhesive
- Primer
- Pre-treatment
- Zinc
- Substrate
- Backing coat (bondable)

HEALTH & SAFETY

Slips and trips are the most common cause of injury at work. On average, they cause over a third of all major injuries and over 40% of all reported injuries. HSE statistics suggest the most of these accidents are slips, most of which happen when walking on surfaces are contaminated (water, talc, grease, etc).

Colorcoat Aquatite® has a unique trademarked emboss design for slip resistance, with sharp leading edges in all directions, ensuring a low slip risk classification both in wet and dry conditions. This product has been independently tested and certified to BS 7976-2, in accordance with latest UKSRG Guidelines and current UK Health and Safety Executive guidance.

Slip resistance table

Direction	Condition	Classification
Principal	Dry	Low
45°	Dry	Low
90°	Dry	Low
Principal	Wet	Low
45°	Wet	Low
90°	Wet	Low



WELDING

Colorcoat Aquatite® PVC can be installed using established 'single ply' heat seaming techniques.

Joints are straightforward and can be produced on-site using simple hot air welding techniques that give excellent watertight results. This also eliminates the need for mechanical fixings and sealants, which can be messy and costly, and it ensures that the finished installation looks, and remains looking good, for many years.

Colorcoat Aquatite® PVC can also be chemically bonded.

For technical information on Colorcoat Aquatite® and guidance on specification please contact:
T: Technical enquiries 01244 892898
E: colorsteels@tatasteeleurope.com

Typical properties

	Test specification	Colorcoat Aquatite® PVC
Membrane thickness range	ECCA T1	Up to 1500µm
Adhesion	BS 3900/E2	100% adhesion Erischen cross hatch
Corrosion resistance		
Salt spray	ECCA T8	1000 hrs
Humidity	BS 3900/F2	1000 hrs
Maximum continuous temperature		
Operating temperature		60°C
Minimum forming temperature		16°C
Hot air welding temperature		>400°C

Guaranteed to perform



GUARANTEE

The Colorcoat Aquatite® 25 year guarantee applies to a specific building. It covers the membrane liner (excluding any joints) and offers suitable restoration in the event of any defects, providing complete peace of mind that your building will remain watertight for its life-span.

Guaranteeing the longevity of Colorcoat Aquatite® products on your building is simple and easy. The building owner will need to apply for the Colorcoat Aquatite® guarantee which can be done in one of two ways.

Ways to register for your Colorcoat Aquatite® guarantee

- Register online using the QR code below, or complete the online application form from www.tatasteelconstruction.com/colorsteels



- Alternatively, download the guarantee application form from www.tatasteelconstruction.com/colorsteels Once completed, the guarantee application form should be returned to us at the address given at the foot of the form.

What happens after registration

Following processing, Colorsteels will issue the guarantee to the specific building, complete with registration number.

Note: Colorcoat Aquatite® must be registered within three months of the building installation completion date for the guarantee to be valid.

Reduced risk for the life of the building

The guarantee applies to a specific building and is fully transferrable in the event of sale or transfer of ownership or tenant, providing a direct link back to Tata Steel.

For more information on Colorcoat Aquatite® or Colorsteels please contact:

T: General enquiries 01244 892881

T: Technical enquiries 01244 892898

E: colorsteels@tatasteel.com



www.tatasteelconstruction.com

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