



Capital Cladding Systems®



About Capital Cladding Systems

Capital Cladding Systems is part of the Capital Group which was founded in 1972. Since then, we have gone on to become one of the largest independent pre-finished steel processors in Europe. During the last 52 years Capital Cladding Systems has roll formed over a quarter of a million tonnes.

- Proud to be the only independent Tata Steel Colorcoat® Accredited Distributor in the UK.
- Stocking a wide range of Tata Steel Colorcoat® branded products including;
 - [Colorcoat HPS200 Ultra®](#)
 - [Colorcoat Prisma®](#)
 - [Colorcoat® LG](#)
- Capital Group offers its clients both strength and security ensuring a robust and reliable supply chain.
- Located in our 12,000m² manufacturing facility, Capital offers strong resilience with 5 profiling lines, 4 decoiling lines and 3 slitting lines with a capability of processing 100,000 tons under 1 roof.



Cladding Systems

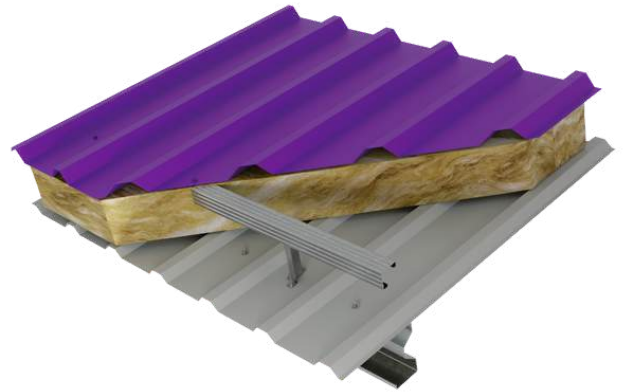
Roll formed at our facility in Wattsville, South Wales, we offer a range of cladding systems that can be customised to meet the requirements of the building specification including thermal, fire and acoustic performance. Our wide of range external and internal profiles offers the ultimate in specification flexibility.

- All our cladding systems comprise of a pre-finished steel internal liner profile, suitable spacer, a layer of insulation and a pre-finished steel external profile.
- As a Tata Steel Colorcoat® Accredited Distributor, we have access to the full Colorcoat® range including: Colorcoat HPS200 Ultra®, Colorcoat Prisma®, and Colorcoat® LG as well as Colorcoat® PE 15 liner.
- Our accredited distributor status also allows us to register the pre-finished steel guarantee directly with Tata Steel, including the Confidex® Guarantee. This allows us to offer guarantees on the pre-finished steel of up to 40 years.



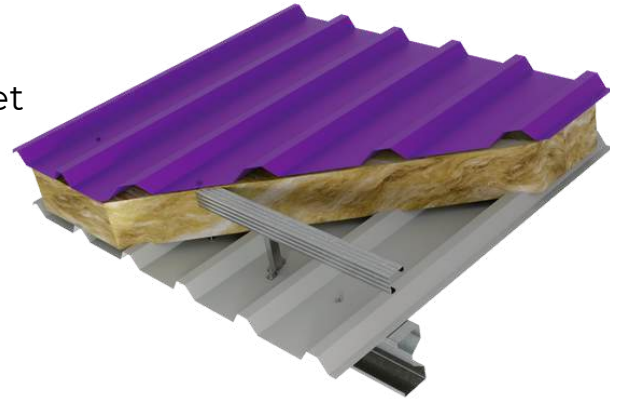
Capital R

- CCS 32/1000 Trapezoidal 0.7mm outer sheet
- Spacer system
- Insulation layer
- CCS 19/1000 0.4mm liner sheet



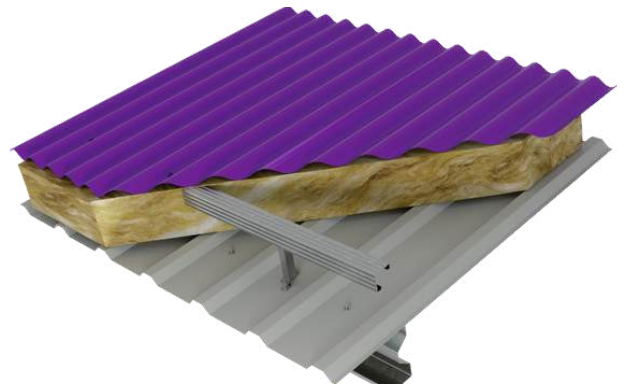
Capital RWL

- CCS 32/1000 Trapezoidal 0.7mm outer sheet
- Spacer system
- Insulation layer
- CCS 32/1000 0.7mm walkable liner sheet



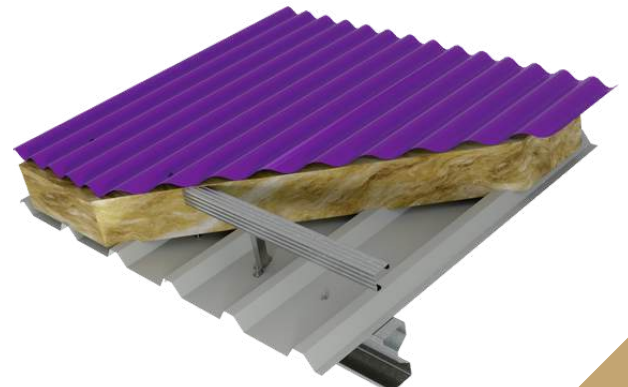
Capital SR

- CCS S19 Sinusoidal 0.7mm outer sheet
- Spacer system
- Insulation layer
- CCS 19/1000 0.4mm liner sheet



Capital SRWL

- CCS S19 Sinusoidal 0.7mm outer sheet
- Spacer system
- Insulation layer
- CCS 32/1000 0.7mm walkable liner sheet



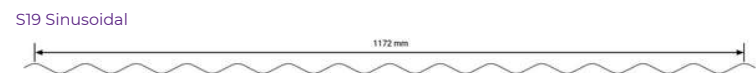
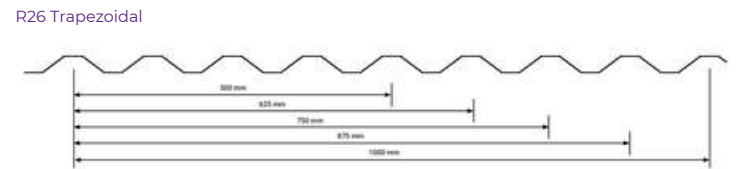
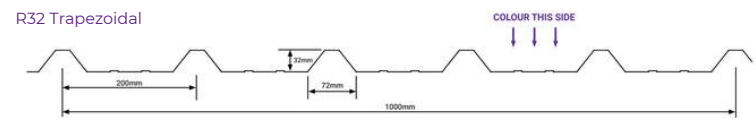
Capital Cladding Systems offer a range of roof profiles designed to meet the precise needs of your construction project.

Our roof profiles ensure exceptional performance is achieved without compromising the building's aesthetic appeal.

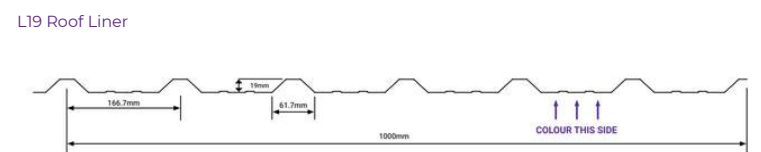
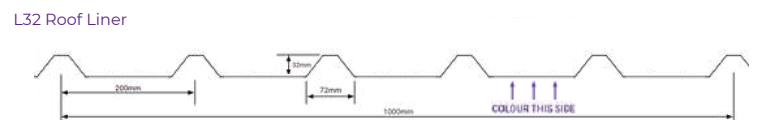
With multiple options that include various colours and finishes, the Capital Cladding Systems roof range is designed with superior weather resistance and long-lasting durability in mind.

The result is a quality solution that improves the overall building envelope performance, whilst at the same time enhancing the building's visual appeal.

External



Internal



Roof Profile Range		Maximum load for a 1.8m span					
Profile	Gauge (mm)	Imposed load (kN/sqm)			Wind suction load (kN/sqm)		
		Single Span	Double Span	Multi Span	Single Span	Double Span	Multi Span
R32	0.7	1.48	1.19	1.44	1.14	1.31	1.58
R32 Ribbed	0.7	1.47	1.28	1.55	1.41	1.3	1.57
S19	0.7	0.348	0.579	0.579	0.348	0.579	0.579
S19	0.9	0.443	0.738	0.738	0.443	0.738	0.738
R26	0.7	1.04	1.73	1.73	1.04	1.73	1.73
R19 Ribbed	0.7	0.51	0.85	0.85	0.5	0.84	0.84

Notes
The span tables above have been produced for roof cladding applications and were created in accordance with EN 1993-1-3 (Eurocode EC3).

The values are based on a maximum permitted deflection
Imposed loads - L/200
Suction loads - L/200

Find the full list of span tables and more details on our website.

Care has been taken to ensure the above information is accurate and correct. CCS does not accept any responsibility or liability for any errors or for information which is found to be misleading.

Capital W

- CCS 32/1000 Trapezoidal 0.7mm or 0.5mm outer sheet
- Spacer system
- Insulation layer
- CCS 19/1000 0.4mm liner sheet



Capital HW

- CCS 32/1000 Trapezoidal 0.7mm outer sheet (horizontal)
- Spacer system
- Insulation layer
- CCS 19/1000 0.4mm liner sheet



Capital SW

- CCS S19 Corrugated 0.7mm outer sheet
- Spacer system
- Insulation layer
- CCS 19/1000 0.4mm liner sheet



Capital SHW

- CCS S19 Corrugated 0.7mm outer sheet (horizontal)
- Spacer system
- Insulation layer
- CCS 19/1000 0.4mm liner sheet



Capital Cladding Systems offer a choice of wall profiles to satisfy the specific performance and design requirements of your construction project.

Our wall profiles are designed to offer architectural choice whilst still maintaining optimal building envelope performance.

Available in a variety of colours and finishes and in both vertical and horizontal orientations, the Capital Cladding Systems wall range offers versatility without compromising the integrity of the building.

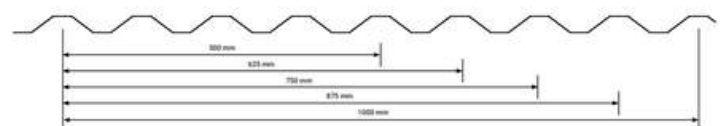
The result is a quality solution that is both robust and aesthetically pleasing, enabling you to maximise both form and function.

External

C32 Trapezoidal



C26 Trapezoidal



S19 Sinusoidal

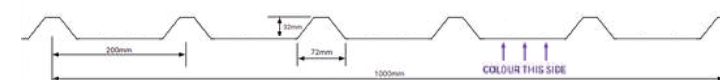


C19 Liner Profile

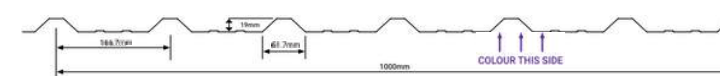


Internal

L32 Wall Liner



L19 Wall Liner



Wall Profile Range

Profile	Gauge (mm)	Imposed load (kN/sqm)			Wind suction load (kN/sqm)		
		Single Span	Double Span	Multi Span	Single Span	Double Span	Multi Span
C32	0.7	1.43	1.31	1.58	1.66	1.19	1.44
C32	0.5	0.95	0.78	0.94	1.12	0.71	0.86
C32 Ribbed	0.7	1.61	1.3	1.57	1.64	1.28	1.55
C32 Ribbed	0.5	1.09	0.78	0.93	1.11	0.77	0.92
S19	0.7	0.46	0.77	0.77	0.46	0.77	0.77
S19	0.5	0.33	0.55	0.55	0.33	0.55	0.55
C26	0.7	1.38	1.74	2.11	1.38	1.74	2.11
C26	0.5	0.92	1.01	1.21	0.92	1.01	1.21
C19 Ribbed	0.7	0.67	0.95	1.12	0.68	0.95	1.13
C19 Ribbed	0.5	0.45	0.59	0.72	0.46	0.6	0.73

Notes

The span tables above have been produced for roof cladding applications and were created in accordance with EN 1993-1-3 (Eurocode EC3).

The values are based on a maximum permitted deflection

Imposed loads - L/150

Suction loads - L/150

Find the full list of span tables and more details on our website.

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Thermal Performance

Capital Cladding Systems are engineered to meet the most demanding insulation requirements, providing excellent thermal performance and energy efficiency.

With customisable options, our cladding systems can be tailored to achieve specific U-values. Whether you need to enhance thermal efficiency or comply with building regulations, our systems offer versatility for any building project.

Our roof and vertical wall systems can be supplied in various insulation depths ranging from 140mm-400mm in 20mm increments. Whilst our horizontal wall systems are available in depths between 100mm – 260mm in 20mm increments.

Capital R & SR Systems

Spacer Height	Insulation Thickness	U-Value (W/m2K)
140	140	0.30
160	160	0.26
180	180	0.24
200	200	0.21
220	220	0.19
240	240	0.18
260	260	0.16
280	280	0.15
300	300	0.14

Capital RWL & SRWL Systems

Spacer Height	Insulation Thickness	U-Value (W/m2K)
140	140	0.32
160	160	0.28
180	180	0.25
200	200	0.22
220	220	0.20
240	240	0.18
260	260	0.17
280	280	0.16
300	300	0.15

The above is a guide only and has been based on insulation with a 0.040W/mk conductivity support at 1800mm centres and 1200mm bracket spacing.

Capital W & SW Systems

Spacer Height	Insulation Thickness	U-Value (W/m2K)
140	140	0.30
160	160	0.26
180	180	0.23
200	200	0.21
220	220	0.19
240	240	0.18
260	260	0.16
280	280	0.15
300	300	0.14

Capital HW & SHW Systems

Spacer Height	Insulation Thickness	U-Value (W/m2K)
120	120	0.35
140	140	0.3
160	160	0.26
180	180	0.23
200	200	0.21

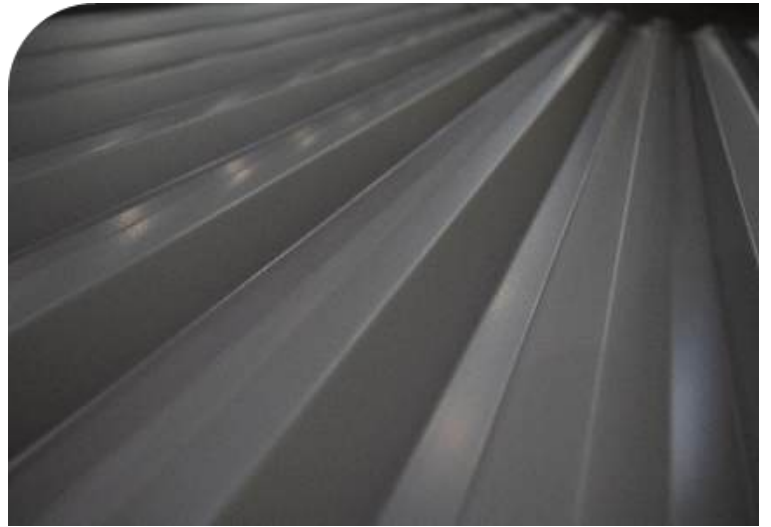
The above is a guide only and has been based on insulation with a 0.040W/mk conductivity support and brackets at 1500mm centres and 1500mm vertical bar spacing.

The above is a guide only and has been based on insulation with a 0.040W/mk conductivity support at 1500mm centres and 1200mm bracket spacing.

Single Skin Options

As well as our cladding systems we supply all our profiles as single skin options for refurbishments and overlay projects.

We can offer our single skin profiles in a variety of finishes and have the facility to apply an anti-condensation fleece to the internal sheet if required.



Flat Sheets

As a Tata Steel Colorcoat® Accredited Distributor, we stock a wide range of colours and finishes and can process orders in various lengths, widths and gauges. With next day delivery available.



Flashings & Fabrications

We work in combination with a UK-wide fabricator network to supply a complete range of flashings, rainwater goods and fabrications.

All supplied to your specifications.



Sustainability

Capital has been around for over 50 years and we intend to be around for another 50 beyond. We can't do that unless we employ well, nurture and develop our staff, choose our business partners wisely and service our customers effectively.

Capital Group's initiatives in Sustainability include;

- 600kW solar panel installation working in tandem with renewable grid energy 24/7
- Electric Vehicle [EV] company fleet
- Biodiversity garden and on-site beehives
- Employee wellbeing on-site gym facility
- Carbon accounting
- Ecovadis Bronze Accreditation
- ISO 9001
- ISO 14001 – 2000.

To find out more about Capital Group's Sustainability credentials [click here](#)



Colorcoat® products and services

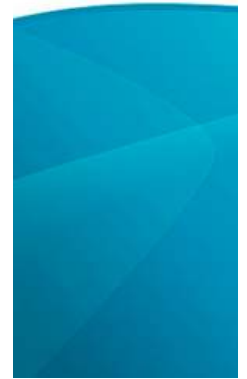
The Colorcoat® brand provides the recognised mark of quality and metal envelope expertise exclusively from Tata Steel. For nearly 60 years Tata Steel has developed a range of technically leading Colorcoat® pre-finished steel products which have been comprehensively tested and manufactured to the highest quality standards. Colorcoat® products manufactured in the UK are certified to BES 6001 Responsible Sourcing standard and fully REACH compliant and free of chromates, including hexavalent chrome.



Colorcoat HPS200 Ultra®
Super durable, guaranteed performance



Colorcoat Prisma®
Aesthetics that last. Guaranteed.



Colorcoat®, Colorcoat HPS200 Ultra®, Colorcoat Prisma®, Confidex®, Galvalloy® and Repertoire® are trademarks of Tata Steel.

Colorcoat HPS200 Ultra®

Designed to withstand aggressive environments Colorcoat HPS200 Ultra® combines outstanding performance with exceptional durability to provide long-term integrity for the building envelope. Making it the first choice for aggressive internal and external applications.

For more information visit: [Colorcoat HPS200 Ultra®](#)

Key benefits include:

- 40 standard colours in solid and matt shades.
- Surpasses requirements of RUV4 and RC5+ as per EN 10169:2022 proving excellent colour and gloss retention and corrosion resistance.
- Optimised Galvalloy® metallic coating for exceptional corrosion resistance and cut edge protection.
- Scintilla® embossed as a mark of authenticity from Tata Steel.
- Repertoire® colour matching service for solid colours with a minimum order quantity of 5000m².
- Exceeds requirements of CPI5 as per EN 10169:2022 demonstrating excellent barrier properties when used internally.
- Can be used under photovoltaic [PV] framed modules with no reduction in guarantee duration.

Colorcoat Prisma®

The latest generation pre-finished steel product, three-layer Colorcoat Prisma® utilises cutting-edge clear coat technology to provide an optimised pre-finished steel product that pushes the boundaries of UV and corrosion performance. Enabling a wide range of contemporary aesthetic colours, that are truly built to last. For more information visit: [Colorcoat Prisma®](#)

Key benefits include:

- Wide range of standard colours including, natural metal colours, metallics, matts and metallic matts.
- Surpasses requirements of RUV5 and RC5+ as per EN 10169:2022 proving outstanding colour retention and corrosion resistance.
- Optimised Galvalloy® metallic coating for ultimate corrosion resistance and cut edge performance.
- Repertoire® colour matching service for solid colours with a minimum order quantity of 5000m2..

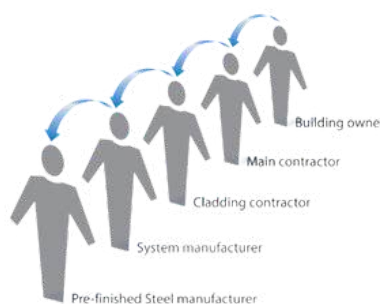
Confidex® Guarantee for up to 40 years

The Confidex® Guarantee for [Colorcoat HPS200 Ultra®](#) and [Colorcoat Prisma®](#) offers the most comprehensive pre-finished steel guarantee for the weatherside of industrial and commercial buildings in Europe. Confidex® is project specific and upon online registration, is offered directly to the building owner with no inspection or maintenance to maintain its validity except when used on a roof or wall that has a Photovoltaic (PV) installation. Includes cover for the pre-finished steel that is under photovoltaic [PV] frame modules, providing the building owner with the confidence that installing a PV array will not have a detrimental effect on the performance of the roof and that the whole roof is guaranteed to perform for the same duration of up to 40 years.

With Confidex® registration



Without Confidex® registration



TATA STEEL
 **confidex**



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