

# High Performance Coating Systems for Commercial Buildings

**Systems guide**

**Solutions for:**

External Wall Cladding  
Roof Cladding / Gutters  
Internal Walls

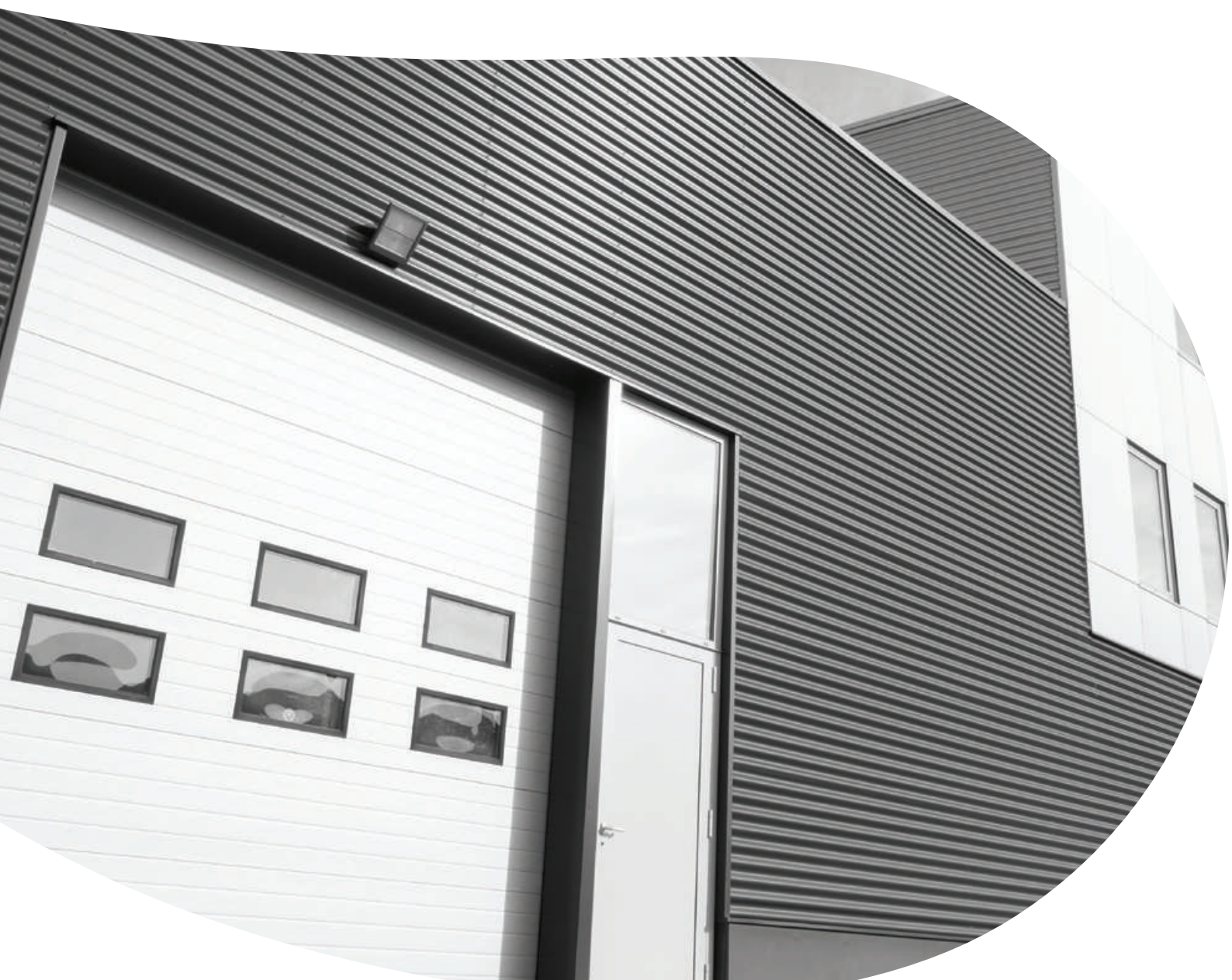
# Protecting Architectural Metal Cladding

Architectural coil coated cladding has been a very popular building material for over 50 years. Products such as PVC Plastisol, PVDF, PVF2 and Silicone Polyester have all been used as protective surface finishes. This brochure demonstrates the capability that we at Tor coatings have developed over the last four decades in refurbishing these high performance building systems.

In order to remain visually attractive and retain its protective properties in the long term, architectural cladding needs proper care. Due to the natural ageing process, all coil-coated architectural cladding will suffer degradation from UV light from the sun and general weathering. Left unchecked, it will fade and deteriorate to such an extent that replacement may be the only option.

As no two sites are the same, our tried and tested survey and specification process assesses the overall condition of any existing surfaces or previous coatings and recommends the most cost-effective and suitable solution. Our field experts take into account factors such as adhesion, seasonal temperature, potential priming requirements and even corporate brand colouring.

You will receive a bespoke specification which details the works needed to meet your requirements. Our systems are fully warranted and include a free insurance - backed guarantee when applied by one of our many *Tor Partners* registered contractors.



# Protecting External Vertical Cladding Systems

The Unicover™ range of specialist cladding coatings has been designed to provide a cost effective means of extending the life of external wall cladding, beautifully transforming its appearance in the process.

Each system in our Unicover™ cladding coatings range can be applied as a standalone decorative finish and offers building proprietors and specifiers a cost effective and robust solution for the refurbishment, decoration and protection of walls and cladding.

When specifying the Unicover™ range, we will visit your project, check the condition and adhesion of the existing coatings and determine if it has been previously painted. You will then receive a bespoke specification for the works, including a list of specialist contractors who can carry out the works to the required standard.



The **Unicover™ W system** delivers 10 years of performance in a water-based system for solvent sensitive environments. Our **Unicover™ S** topcoat will also deliver a 10 year performance.



If you opt for our **Unicover™ Ultra S** topcoat, then you get an industry-leading 15 year performance.



All **Unicover™** topcoats utilise our Colourshop II 'in-can' tinting scheme so you can select from most RAL, BS or NCS colours and order anything from one can upwards.



We can also treat and protect aluminium window frames / roller shutter doors / metal bollards and most external surfaces on your building.



# Protecting Internal Wall Surfaces

The Unicover™ W system provides a tough, durable & attractive surface finish. It can be applied to a multitude of internal surfaces, normally without the need for any primers, including: Galvanised steel / block walls / pipelines / drywall and plaster lined surfaces / prefabricated wall panels / brick / tiles / ceiling tiles / concrete / aluminium / non-ferrous metals.



Utilising our Colourshop II 'in-can' tinting scheme you can select from most RAL, BS or NCS colours, ensuring that **Unicover™ W** provides a versatile, use-anywhere protective coating system.



## EdgeProtect

Cut edge corrosion occurs where the uncoated edges of coil-coated Plastisol sheets have been exposed to weathering. It occurs mainly on Plastisol but can sometimes be seen on other coil-coated sheets utilising a steel core substrate.

Timely treatment of cut edge corrosion will extend the life of your cladding system and can also be used to stop roof leaks, saving on the potential cost of replacing the cladding. The Tor EdgeProtect system provides a cost effective means of tackling cut edge corrosion. It seals and safeguards corroded edges.



Our EdgeProtect System incorporates a high performance primer which exhibits superb adhesion onto prepared metal and existing coil coated finishes. A flexible butylene tape adds strength across the sheet edge and then we further reinforce this detail with a fibre filled coating delivering a 10 year performance in only 3 layers.



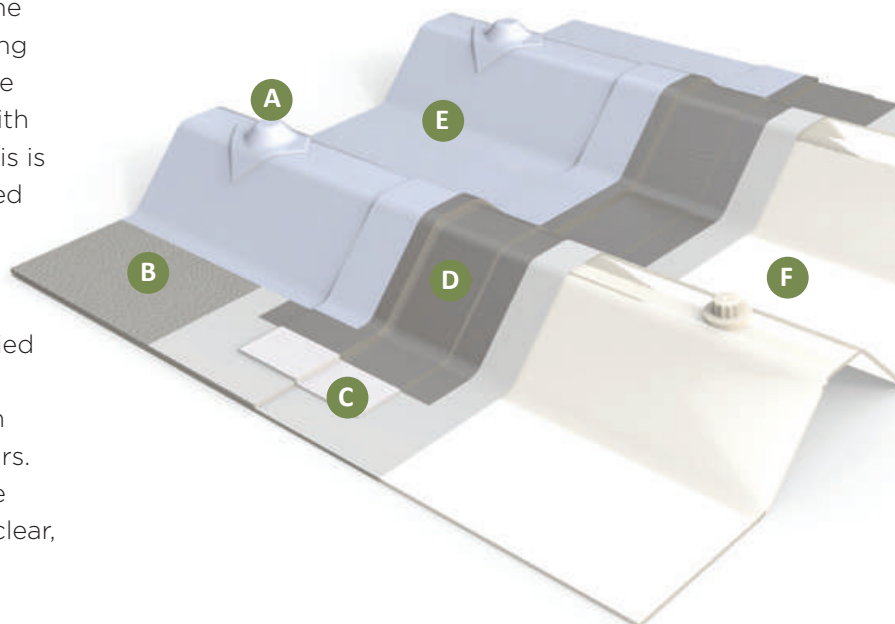
If you require colour matched finish, our **Unicover™ S** topcoat will allow RAL, BS or NCS colours.\*

\*solid colours only, metallic finishes will need to be discussed with your Tor Area Business Manager.



If you opt for our **Unicover™ Ultra S** topcoat, then you get an industry leading 15 year performance in the same colour options.

The mechanical fixings (**A**) are protected using a combination of anti-corrosive primer and our formable tape system. The overlapping edges of the existing cladding are then stripe-coated with anti-corrosive primer (**B**) before being encapsulated with our specialist reinforcement tape (**C**). This is overcoated with a flexible, fibre-reinforced membrane (**D**). The topcoats (**E**) can be specified as either **Unicover™ S** (10 year performance) or **Unicover™ Ultra S** (15 year performance). Topcoat can be applied to the overall roof or limited to the area being treated. Either topcoat system can be tinted to most RAL, BS, or NCS colours. Translucent rooflight cladding (**F**) can be incorporated with an application of our clear, protective **Transglaze™** coating.





## Waterproofing of Roof Cladding

If your pitched metal roof is leaking, then we can offer our flagship waterproofing systems to allow you to extend the life of the building without the disruption of removing and replacing the roof. This approach delivers unintrusive roof repairs and also removes the necessity of disposal of the old materials into landfill.

In these systems, the sheet edges, ridge detail and bolt heads are all treated with a high performance primer, tape and waterproofing membrane. The whole of the roof is then encapsulated in colour-matched topcoats to deliver a highly polished result.

Our Unicover™ S topcoat will deliver 10 year performance in most RAL, BS or NCS colours\* If you opt for our Unicover™ Ultra S topcoat, then you get an industry-leading 15 year performance in the same colour options.

NB: Longer life systems are available utilising our Elastaseal™ hybrid systems. Please speak to your Tor Area Business Manager about these options.

\*Solid colours only, metallic finishes need to be discussed with your Tor Area Business Manager.

## Gutters

Gutters can also be seamlessly waterproofed using our award winning Elastaseal™ HD cold-applied, liquid coating system. It offers 10, 15 and 20 year options and can be applied to most common gutter types and substrates including; Galvanised steel, concrete, felt, asphalt, single ply, aluminium, finlock gutters.

# Expert guidance and assistance from start to finish

We are involved in every stage of your project, taking you from initial planning stages, through to recommending a Tor Partner Contractor. By supplying our own technologies and overseeing the installation to completion, we deliver outstanding service, time and time again.



## OUR SERVICE

Our team of site specialists will meet with you to discuss your refurbishment project and undertake a detailed survey of your building, noting any issues and defects, and ensuring every aspect is understood and documented thoroughly. You will then be provided with a comprehensive and bespoke written project specification. No matter what challenges are presented by your project, we will tailor a solution to ensure your needs are met in the most cost effective and efficient way.

We are extremely proud of our comprehensive and innovative range, so it

makes sense that we want to retain close working relationships with our clients to ensure great after-care is carried out for years to come.

All of our Roof and cladding systems are covered by comprehensive warranties.

In addition, we provide a free Insurance Backed Guarantee for projects installed by our *Tor Partners* contractor Network.

Specifying Tor as your supplier will ensure that you receive a high quality system which also delivers peace of mind.



# The scale to deliver

We have been in business for four decades, and are part of RPM International, one of the world's largest protective coatings groups. Our customers know we have the resources and technology to support them, and that we'll be there for many decades to come.



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