

Alumanation 301

Restoring metal roofs



Lasting performance

Our flat roofing systems are perfect for refurb and new build projects, adaptable across public and private sector building estates.

As a brand of Tremco CPG UK, we are recognised internationally for delivering the highest quality waterproofing solutions, supporting customers for the long term to ensure that buildings are watertight, compliant and future proofed.

The Tremco difference

For over 70 years our market leading systems combined with a unique approach positions us as a single source solution for roofing, preferring to preserve rather than replace, maintain rather than disrupt, achieve value rather than create cost.

For refurbishment projects, we can take responsibility of a roof estate giving the building owner total peace of mind that the roof is being managed by genuine experts.

When it comes to new build, we are a Single Source solution, managing any roof project from start to finish with an expert team on hand to inspect, specify, install and maintain the right solution.

Our high performing systems, technical expertise and lifecycle approach means we deliver substantial cost efficiencies, minimise disruption, and reduce the demand for raw materials, energy and landfill.

Working with Tremco

Building Owners and Facility/ Estates/Asset Managers

We take responsibility for the safety, efficiency, and cost-effectiveness of your roof if refurbishment and/or maintenance is required. We consult, survey, specify, supply, install, inspect and warranty all projects. This gives full peace of mind that your roof is being looked after by experts.

TremCare planned preventative maintenance programmes are available for Tremco roofs, roofs under warranties with other suppliers and old roofs/no warranties.

Contractors

We provide our Trusted Partners with outstanding customer service from delivery support to technical advice. We also offer extensive on-site support via our technical team of whom will visit site regularly to carry out inspections.

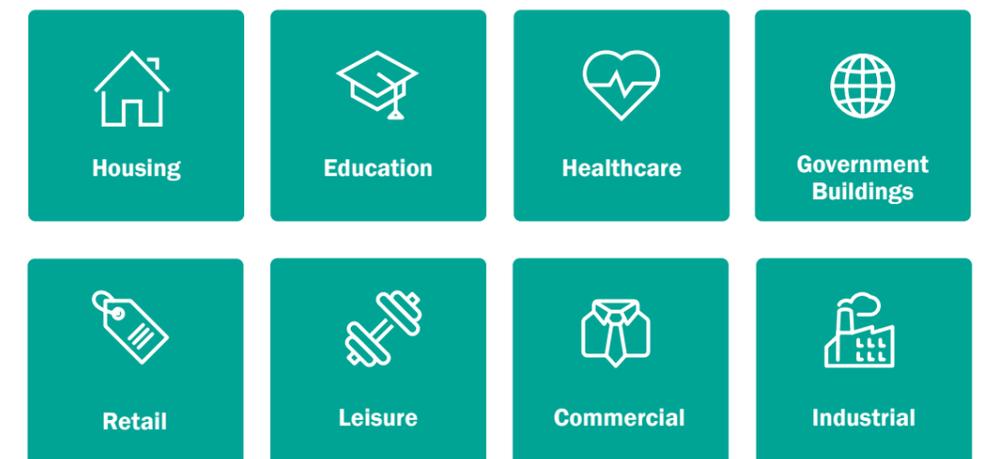
Specifiers

We tailor solutions to meet project requirements, offering technical guidance from early design stage through to pre-start meetings. We offer a range of different design services, depending on where we engage on the project. This can include the generation of drawing packages for nearly every application on the site (early design stage). We can also produce details when much of site installation has taken place, where you, the client, would like detail drawings that are not generic illustrations but are specific to the exact site installation (post design stage).

Other supply chain stakeholders

We value collaboration; from initial proposals to installation and completion. This ensures projects run smoothly, from a cost, safety, and time perspective. We provide customer service support throughout including dedicated Sales and Technical Managers for each project.

Key sectors



Liquid applied restoration system

The restoration solution that maximises investment by extending the metal roofs lifespan cost-effectively and allowing business operations to continue below with minimal disruption.

For refurbishment works, we start with an initial **free** roof survey, once we have carried out the inspection, the service consists of:

- Free data driven roof condition report containing details of issues and recommendations, supported by evidential photos.
- Specification - Alumanation 301 and associated bespoke detailed drawings for your building.
- Supplying the materials required.
- Installation by one of our Trusted Contractor Partners whilst being inspected by our Tremco Technical Team throughout.
- A single-point warranty of up to 12 years issued.
- Optional annual PPM (planned preventative maintenance) programme; TremCare. To maintain your metal roof including cleaning and repairs if required.

	RBM roofs	Single-Ply roofs	Metal roofs	Concrete roofs	Liquid-applied roofs
AlphaGuard PUMA					
AlphaGuard BIO					
Alumanation 301					
POWERply					

Alumanation 301

Liquid applied refurbishment system



Alumanation 301 is an asphaltic liquid applied membrane with an aluminium pigment that can turn your older but still functional metal roof covering into a long-lasting, highly efficient weatherproofing system by overlaying.

The system can waterproof most existing sloped metal roof constructions providing a rustproofing solution and extending the lifespan of the degraded surface finish.

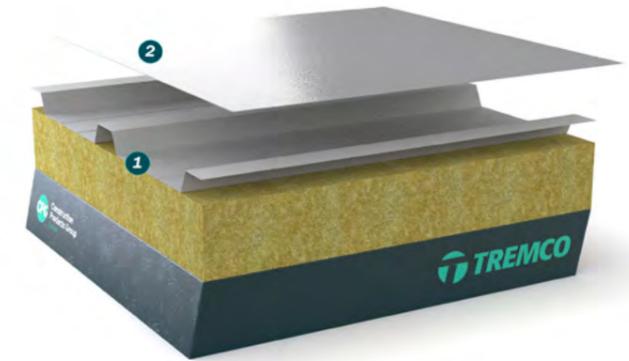
Suitability

For built environment sectors across public and private including housing, education, healthcare, government buildings and commercial.



System Features

- Solar reflective
- Prevents corrosion and further oxidation of rust
- Hand apply easy application by brush or roller
- No primer required
- Fast single coat application
- Cost-effective



Building efficiency

CRRC (Cool Roof Rating Council) rating for solar reflectance and thermal emittance values that can help reduce building temperatures.



Life cycle enhancement

Factor Mutual approved as a maintenance coating.



Fire safety

Independently certified to Broof(t4) classification (BS EN 13501-5).



Warranty

Once the system is installed and checked by our team, the building owner will acquire a warranty of up to 12 years*.

NUMBER	PRODUCT TITLE	WEIGHT
1	Prepared Substrate	N/A
2	Alumanation 301	approx. 1kg/m ²

*Warranties of up to 12 years are available depending on the system build-up components.



Reduce rust, increase longevity

It's only a matter of time until water infiltrates a metal roof resulting in rust, reducing its structural integrity. How much impact the water has largely relies on how the roof is constructed and whether it has been regularly maintained.

Selecting the Alumanation 301 system provides you with a significantly less costly way to restore your roof compared to the significant expense of roof replacement. Restoration can be accomplished quickly, efficiently, with less labour, in less time and with less disruption to building occupants. As the system is an overlay solution, building operations can continue as normal.

System components

A high solids, asphalt-based, asbestos-free coating that uses unique fiber reinforcement technology, Alumanation 301 contains 15% metal—double the ASTM standard for premium aluminum roof coatings. The high metal content provides greater reflectivity, more durability, proven performance and longer life.

The high aluminum content and short, non-asbestos fibers translate into greater uniformity and a more consistent coating application.

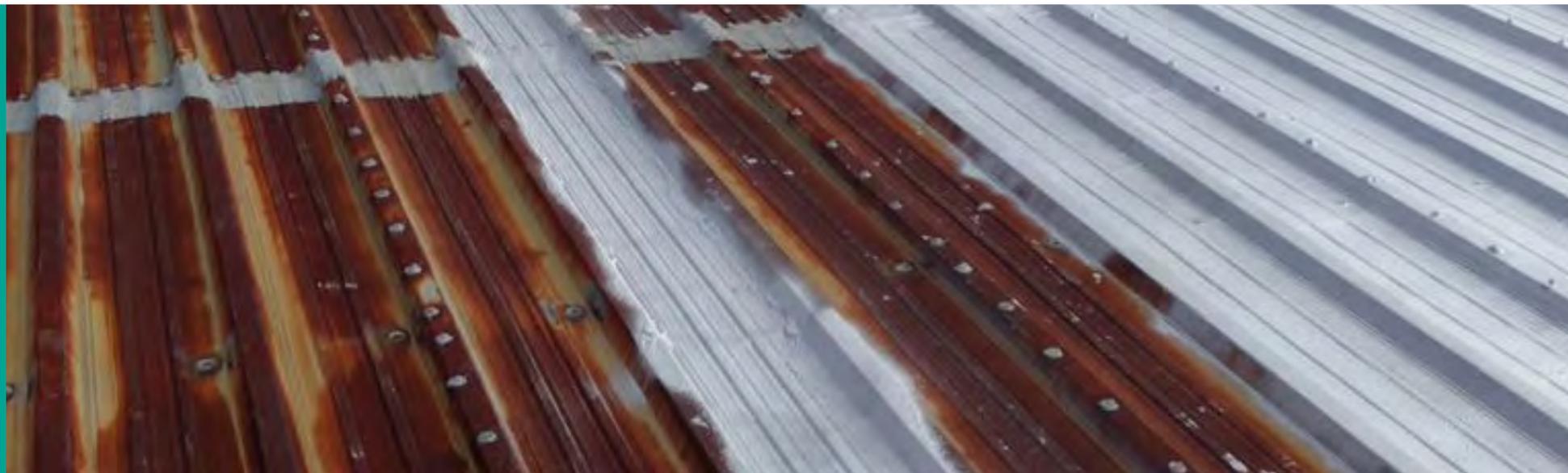
Lasting performance

In selecting a roof coating, longevity and reliability can make all the difference. Under normal conditions, the Alumanation 301 system provides up to 12 years of superior protection before the need to recoat.

Energy efficient

Alumanation 301 provides brighter and higher reflectivity than standard aluminum coatings, making it an ideal solution for metal roofs. The system can reflect as much as 66% of the sun's rays. Below-roof temperatures and energy use can both drop dramatically. And since there's no tear-off, there is nothing to the landfill.

- Significantly lower overall cost
- Increased service life
- Less work, small contractor teams, lower labor costs
- Quick and easy application
- Cold-application
- No tear off; reduction in waste to landfill



- Cost effective over second roofing layer
- Restoration can usually be repeated
- Can help lower energy use
- Minimise business disruption
- Warranty protection



Step 1:
Clean the surface of the metal roof



Step 2:
Detail with the quick and easily installed seam sealer



Step 3:
Apply one coat of Alumanation 301

Fast application

Minimal surface prep, self-priming Alumanation 301 can be applied by spray, roller or brush in a single coat.

Warrantied for peace of mind

For metal roofs, waterproofing and rust protection is of paramount importance to ensure the structural integrity remains intact. Even in the most harshest of environments, the Alumanation 301 system diligently guards against rust and water intrusion. An incredible 12-year warranty reflects the Alumanation 301 system's outstanding performance and reliability.

Proactive maintenance

At Tremco, for all roofs we refurbish we offer an optional maintenance programme, TremCare, that can be budgeted within the overall project cost, or paid in annual increments. All roofs need to be maintained, by choosing Tremco the maintenance is carried out by our internal maintenance contractor, giving you complete assurance that your roof is being managed and maintained by genuine experts.

Tremco CPG Europe manufactures high performance building materials in order to solve the complex challenges faced by today’s construction industry. It is the home for multiple European construction product brands, including illbruck, Flowcrete, Nullifire, Tremco, Vandex, Dryvit and Nudura. With over 1,400 employees across Europe, we are committed to being by your side to shape a world where buildings and structures save energy, last longer and exceed sustainability benchmarks.

From joint sealing, bonding and insulation through to passive fire protection, flooring, waterproofing and roofing solutions- the product brands housed within Tremco CPG Europe cover a wide array of different construction needs. Combined with the wealth of expertise, services and support, we provide a truly unique offer - to make our customers more successful time after time.

Tremco CPG Europe is part of RPM International Inc. - one of the world’s leading construction products companies for both the industrial and consumer segments.

Our Values



COLLABORATION



HONESTY & INTEGRITY



RESPECT



ENGAGEMENT



SUSTAINABLE DEVELOPMENT

Delivering World-Class Construction Product Solutions.

The product brands housed within Tremco CPG Europe cover a wide array of different construction needs and provide a wealth of complex services, support and systems that are rarely found together under one roof.



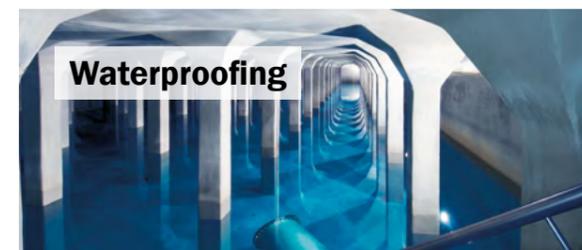
Window Insulation, Façade Construction, Exterior Insulation & EIFS, Structural & Inplant Glazing, Insulated Concrete Forms (ICFs)



Intumescent Coatings, Fire Stopping



Seamless Resin Flooring, Subfloor Preparation, Car Parking Structures



Potable & Waste Water Industry, Balconies, Terraces, Basements & Foundations



Liquid Applied Systems, RBM Systems, Vegetated Roofing

Europe’s leading construction products brands...





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