

BROMOCO INTERNATIONAL



PRODUCT CATALOGUE

COVER PHOTO OF MCLAREN TECHNOLOGY
CENTRE - COATED AND PROTECTED WITH
EV B 23309E AND AA 1665D

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ABOUT BROMOCO



We have been developing and supplying quality products and systems for over 12 years and have more than twice outlived our guarantee period.

We provide products and solution worldwide for the restoration and maintenance of all metal and coated substrates.

A pioneer in the industry, we offer a complete range of architectural and maintenance products that help extend the life and increase the value as well as enhance the beauty of exterior and interior architectural surfaces.



We are specialised in providing products for the restoration and upkeep of stainless steel, aluminium, anodised, powder coating, windows, curtain walling and cladding, as well as brass, copper and glass treatments for metal clad buildings, swimming pools, industrial and retail units.

Our commitment is to provide a high quality product, so we develop the most advanced technologies and bespoke systems along with a commitment to research. As a result provide exceptional, unrivalled long lasting results.

HISTORY

Early Days "In the beginning"

In the late nineties our founder was working in the construction industry working primarily in restoration of commercial buildings. He noticed that dull and faded window frames and cladding were either being replaced at high costs or window cleaners were being employed to "try and make them look better" The efforts the window cleaners were varied with most of them turning to car products such as waxes, polishes and T Cut type products which left a reasonable but short term result. Since then many have move on to use "sacrificial coatings" which do not fare any better giving a poor initial result and a very short life span eventually turning white after just one summer (see comparison picture to the left) Sadly in our experience all companies claiming to restore window frames and cladding are still using the same or similar products to this day. In the early 2000's we developed an extensive range of bespoke product

In the early 2000's "Learning curves"

We developed an extensive range of bespoke products for the building, automotive and domestic markets. In 2011 we decided to concentrate on the building restoration industry with our main focus on the restoration of Aluminium windows and curtain walling offering a long term solution to dull and faded powder coated and anodised finishes as well as cladding and stainless steel. We developed specific systems for each and every substrate used in the construction of modern buildings. Our focus was to supply our customers with the highest quality products and provide outstanding levels of service, incapable of being matched by our competitors and thereby increasing our market share.

Authorised applicators "Rethinking and restructuring"

The long-term plan was always to train and establish a skilled group

of independent companies throughout the UK and Europe fully trained in the restoration, preparation and application of BROMOCO Product. When we launched the Applicator network in early 2018 the response for companies to join us was overwhelming due to the strength of our product range, history and reputation for quality and longevity. Having a group of authorised applicators was by far the most efficient way of covering the entire country and we able to offer BROMOCO restoration and protection works at a more competitive and affordable rate. Since the formation of the group for the first time we have been able to undertake multiple contracts concurrently every week. Each application is covered by both an application guarantee as well as a manufactures guarantee ensuring peace of mind to our clients. We carry out regular inspection of all works to ensure the highest quality and long lasting results.



PRODUCT RANGE

SPECIALIST COATINGS

EVB 23309E

Powder coated Aluminium
restoration and protection

EPC 7460A

Stainless Steel Protection

TOUCH Antimicrobial

All surface antimicrobial protection

CT-7571-T

Corten Steel Sealer

BCP 2991S

Copper and Brass Protection

AA 1665D

Anodised Aluminium Protection

SemGUARD

Building Wash and Coat

PREPARATION PRODUCTS

ERW-BD - Biodegradable
Degreaser and neutraliser

ERW-XL - Stainless Steel
Rejuvenator

XL-08 - Corten Steel Accelerator

ERW-Ph - Ph Balancing Powder

ERW-PW - Deep Cleaning Paste

ERW-AL - Solvent Based
Degreaser

EVB 23309E

Powder Coated Aluminium Restore & Protect

EVB 23309E is a crystal clear high-performance coating that restores the original colour and lustre to powder coated aluminium, painted metals and GRP.

At only 12 microns thick this durable film coating is virtually to the naked eye and serves to

enhance the beauty of the base material and finish. 1 litre of coating gives a coverage of between 35-40 square metres. EVB 23309E remains flexible throughout its life and is guaranteed to not crack or peel. The coating contains built in UV protectors stop re-fade of the protected surface for the lifetime of the coating.

The coating contains elevated levels of anti-oxidants preventing tarnish of the protected surface, and also provides high levels of protection from bleaches, acids, bird droppings, acid rain and salt air.

Correctly applied the coating has a life span of more than 5 years.



Before



After

EPC 7460A

Stainless Steel Protection

EPC7460A is a crystal clear one part air cured coating. It is a self-levelling, easy to apply product, leaving a seamless surface. The coating has excellent chemical, abrasion and impact resistance above rating H7 on the scratch resistance pencil scale using the ASTM method D3363-05. (As comparison granite measures H6.)

EPC7460A is applied directly in a single coat and is usually touch

dry within 20 minutes in ambient temperatures. Dry film thickness is usually 3 to 5 microns. 1 litre of coating gives a coverage of between 35-40 square metres.

BROMOCO'S restoration and protection system restores heavily oxidised stainless steel back to its original condition then protects it from further degradation even in harsh environments such as marine and chlorine air.

Once coated the surface is protected from oxidation, staining, fingerprints, browning, tea staining, acid and bleaches.

With the combination of our ERW-XL Rust and stain remover, ERW-BD biodegradable degrease and neutraliser and EPC 7460A or Touch Antimicrobial coatings, stainless steel can be fully restored and protected for years.



Before



After

TOUCH ANTIMICROBIAL



In 2013 founder and technical director Mr Anthony Semple, along with leading biochemists, were able to add silver ion technology to the Bromoco Internationals coating solution in an attempt to provide a coating that could protect against bacteria such as MRSA and E.coli. The result was an antimicrobial coating unlike anything seen before. A hard film coating that is crystal clear, can be applied to virtually any surface and works 24/7.

This was the birth of **TOUCH Antimicrobial** coating and in 2014 testing confirmed that the already proven silver ion technology within the already proven coating was performing successfully with the coating passing ISO22196 - Antibacterial Activity.

At the time the focus of the coating was on protecting against all known bacteria, however

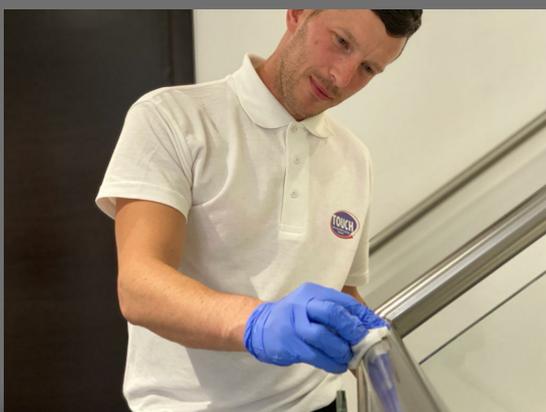


2019 brought SARS-CoV-2 and with it COVID-19.

Silver ions had already been proven to breakdown the envelope of enveloped viruses and this new threat was another enveloped virus that TOUCH Antimicrobial could protect against. In 2020 TOUCH was tested against ISO21702 - Antiviral Activity.

TOUCH passed the test showing a reduction of 99.99% of the viral load of the surrogate virus in just 2 hours.

The end result of 17 years of development and manufacture of world leading protective coatings resulted in the worlds only permanent, retrofit, hard film coating that dries crystal clear and protects against enveloped viruses and all known bacteria, such as SARS-CoV-2 and MRSA, 24/7.



“ Testing against Phi6 would show that the coating is effective against similar enveloped viruses, such as SARS- ”

Rob Limburn
HRAD Group Manager - Campden BRI

CT-7571-T

Corten Steel Sealer

CT-7571-T Corten Sealer is a crystal clear one-part air cured coating. It is self-levelling, easy to apply and leaves a seamless surface.

It has excellent chemical, abrasion and impact resistance above rating H4 on the scratch resistance pencil scale using the ASTM method D3363-05. 1 litre of coating gives a coverage of between 35-40 square metres.

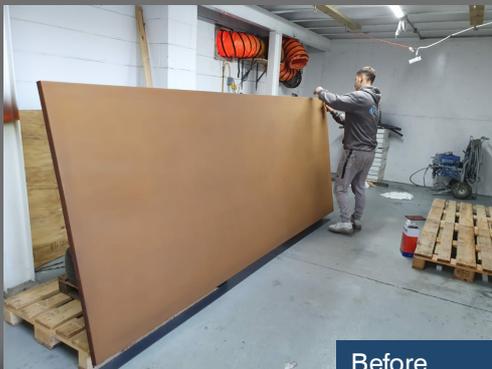
CT-7571-T contains Anti-oxidants that will halt and seal continuation of the rusting process

The coating also provides protection from, bleaches, acids, bird droppings and acid rain.

The coating is extremely thin measuring only 7 to 12 microns making it virtually invisible to the naked eye.

The coating will remain flexible enabling it to move with the constant expansion and contraction of the substrate when heating and cooling. It has passed the ASTM method test D2794 for flexibility and impact at 80lbs and passed the 1/2" mandrel bend test.

CT-7571-T is applied directly in a one-part coating and is usually touch dry within 20 minutes in ambient temperatures.



Before



After

BCP 2991S

Copper and Brass Protection

BCP 2991S is a high-performance sealer for copper and brass for both external and internal use.

This durable film coating is virtually invisible to the naked eye and serves to enhance the beauty of the base material and finish.

1 litre of coating gives a coverage of between 35-40 square metres.

Unlike a lacquer BCP 2991S remains flexible throughout its life and is guaranteed to not crack or peel.

The coating includes built in UV protectors that ensure the coating will not discolour or yellow.

BCP 2991S contains elevated levels of anti-oxidants preventing tarnish of the protected surface, also providing protection from

bleaches, acids, bird droppings, acid rain and salt air.

Correctly applied the coating has a life span of more than 5 years.

Please note: BCP2991S is NOT a cleaner. Surfaces should be cleaned thoroughly to the desired standard prior to application of the sealer



AA 1665D

Anodised Aluminium Protection

Pioneering new technologies and introducing new products into the market, this has always been our objective. We have achieved this through extensive knowledge of the metals and substrates. We design and produce bespoke products and systems to restore and protect and do not use off the shelf products.

AA1665D is a revolutionary Surface Finishing for finer finishing and unrivalled protection of anodised aluminium.

AA1665D coating has been widely used around the world as an aesthetic and indispensable finishing and protecting layer on anodised aluminium products,

structures, windows and curtain walling.

AA166D protects the surface from ingress, staining, bird droppings, bleaching and oxidation. 1 litre of coating gives a coverage of up to 35 square metres.



Before



After

SEMGUARD

Building Wash & Coat

SemGUARD was developed over a decade ago for the safe deep cleaning of metal clad buildings.

As a fore runner to our permanent restoration products we developed this short term one part deep cleaner and protection product.

Details:

High concentrate
Dilutes 50:1
Safe on all surfaces
pH Balanced

Non Detergent Formula
Wash and Rinse
Bio-degradable
Leave an Aqua phobic finish
Non Acidic

Developed for over 10 years using Brand New technology. Designed as a building deep cleaning and finishing product that shines and protects. Containing our own "microbead technology". SemGuard is a pH balanced, non-detergent formula, wont damage the original finish protection and is gentle on all

painted finishes as well as rubber, vinyl, and plastic components. Years of expertise in engineering has led to the development of a concentrate that loosens and emulsifies even the toughest dirt and grime with extreme soaping/foaming action.

FEATURES & BENEFITS Using advanced technologies that loosens and emulsifies even the toughest action for a better clean pH balanced formula gently & effectively removes the toughest city grime without damage.



PREPARATION PRODUCTS



ERW-BD -ERW-BD is a Biodegradable and rinse free cleaner that cleans, degreases and Ph Balances.



ERW-XL - Stainless Steel Rejuvenator
Removes iron stain quickly and completely. Leaves surfaces clean, and streak free. ERW-XL will remove even thick old layers of iron stain from nooks and crannies.



XL-08 - Corten Steel Accelerator
Accelerates the natural rusting and corrosion of Corten Steel to save time on projects. Once accelerated to the desired patina, the Corten can be sealed with CT-7571-T



ERW-Ph - Ph Balancing Powder
Used to neutralise acidic surfaces prior to using our specialised coating solutions.



ERW-PW - Deep Cleaning Paste
A blend of graded pumice in paste form used to deep clean anodised aluminium surfaces



ERW-AL - Solvent Based Degreaser
Used to prepare bare metal surfaces prior to the application of our specialist coatings.

PRODUCT GUARANTEE

Our coatings are guaranteed for between 5 and 10 years depending on the coating, the substrate and the conditions of the final installation. For more information regarding how to qualify for the guarantee please get in touch with us using the email address sales@bromocointernational.com

SUMMARY OF PRODUCTS

Specialist Coatings:

EVB 23309E

Powder coated Aluminium restoration and protection

EPC 7460A

Stainless Steel Protection

TOUCH Antimicrobial

All surface antimicrobial protection

CT-7571-T

Corten Steel Sealer

BCP 2991S

Copper and Brass Protection

AA 1665D

Anodised Aluminium Protection

SemGUARD

Building Wash and Coat

Product	Coverage per litre	Thickness	Hardness
EVB 23309E	35-40 SQM	12 microns	H5-6
EPC 7460A	30-35 SQM	3-5 microns	H7
TOUCH Antimicrobial	Up to 70 SQM	3-7 microns	H7-8
CT-7571-T	30-35 SQM	7-12 microns	H6-7
BCP 2991S	35-40 SQM	12 microns	H6
AA 1665D	35-40 SQM	12 microns	H6
SemGuard	Up to 100 SQM	N/A	N/A

Preparation Products:

ERW-BD

Our most versatile preparation product. Used to clean most surfaces before applying our coatings and also used in various other capacities due to its high cleaning power, it being biodegradable and easy to use.

ERW-XL

A powerful product that can remove stains, rusting and browning from stainless steel and iron. It is non-abrasive and will not blur the surface.

XL-08

A unique formula to accelerate the natural corrosion of Corten steel. Can be used to create the desired patina before being neutralised by ERW-BD and coated with CT-7571-T

ERW-Ph

Neutralising agent for neutralising a surface where acid based cleaners have been used.

ERW-PW

Pumice based cleaning paste for deep cleaning anodised aluminium.

ERW-AL

Solvent based preparation product for use on substrates where ERW-BD is not sufficient

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