



EPC7460A – Product Guarantee & Description

Guarantee

Bromoco guarantees that, when correctly applied in accordance with the manufacturer's application and aftercare instructions, our protective coatings will not crack, peel, or yellow during the guarantee period.

The coating is designed to protect stainless steel surfaces against staining, browning, oxidation, and corrosion, excluding damage caused by external impact, abrasion, misuse, improper maintenance, or mechanical damage occurring after application.

The expected service life of the coating is typically between 5 to 10 years, depending on environmental conditions, exposure, and wear.

EPC7460A has been specifically formulated to expand and contract with the metal substrate during heating and cooling cycles, providing long-term surface protection.

This guarantee does not cover damage or failure resulting from circumstances beyond Bromoco's reasonable control, including but not limited to natural disasters, flooding, lightning, fire, earthquakes, storms, acts of war, terrorism, vandalism, chemical contamination, structural movement, or any other force majeure events

Product Description

EPC7460A is a crystal-clear, single-component, air-cured protective coating designed for:

- Stainless Steel
- Anodised Aluminium
- Bare Aluminium

The coating remains flexible, allowing it to accommodate the natural expansion and contraction of the substrate during temperature fluctuations.

The product has successfully passed:

- ASTM D2794 Flexibility & Impact Testing
- ½ inch Mandrel Bend Test

Protection Properties

Provides high levels of protection against:

- Oxidisation
- Tea Staining
- Surface Staining
- Browning
- Fingerprints
- Acid Exposure
- Bleaches
- Corrosion & Environmental Contamination



Bromoco International Ltd

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Technical Performance

EPC7460A is a self-levelling coating that produces a seamless, virtually invisible finish.

Key characteristics include:

- Excellent chemical resistance
- High abrasion resistance
- High impact resistance
- Scratch resistance rating of H7–H8
(ASTM D3363-05 Pencil Hardness Test)

For comparison purposes, granite typically measures approximately H6 on the same scale. The coating film thickness is extremely thin at approximately 3–5 microns, maintaining the natural appearance of the substrate.

Typical dry film thickness:

- 3–5 microns
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Anti-Microbial Technology

EPC7460AB Touch incorporates silver ion anti-microbial technology, helping to inhibit bacterial growth on treated surfaces.



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