



## About Alocrom

Alocrom is a Chromate conversion coating chemically applied to aluminium, which provides corrosion protection. It is also applied prior to painting or powder coating and is used when protection and/or electrical conductivity is required.

Light to medium Alocrom coatings have minimum effect on surface electrical resistance. The contact electrical resistance is less than 5000 micro-ohms per square inch measured under an applied electrode pressure of 200 pounds per sq inch. (MIL-C-5541 method). It is suitable for all types of aluminium alloy including castings and high silicon alloys which can be problematical to anodise.

- Alocrom is ideal for coating all types of aluminium and aluminium alloys including high silicon pressure die-castings.
- It should be used on aluminium wherever maximum corrosion resistance is required, and is suitable for articles which are to be painted or left unpainted.
- General industrial work.
- Electrical components.
- Domestic appliances.
- Car body parts.
- Aircraft components.
- Alocrom is unaffected by steel, brass or copper inserts in the articles being processed
- Alocrom is unsuitable for producing a decorative effect on unpainted alloys which are subject to exterior weathering since some change in colour may occur under these conditions.
- The process should not be used to treat containers for foodstuffs

## Alocrom 1000

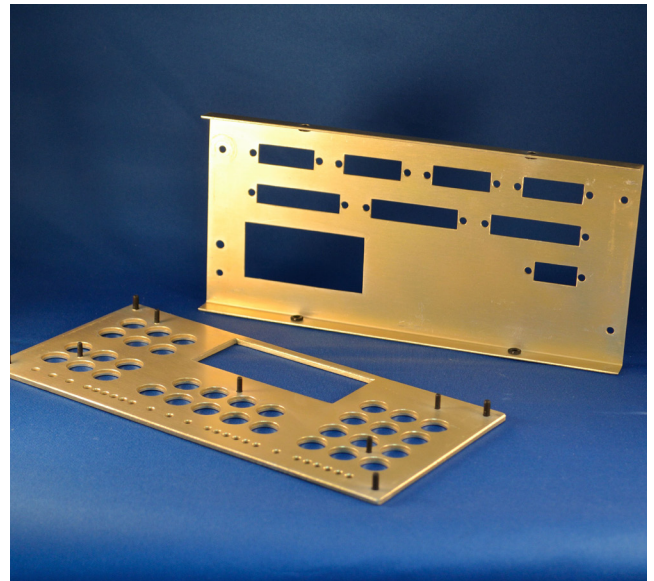
Alocrom 1000 produces protective coatings on aluminium and its alloys without significantly changing the appearance of the aluminium surface. It is recommended where a very low surface electrical resistance is required or the aluminium is to be subsequently lacquered and so the surface must be uniformly metallic.

Paint adhesion to this coating is excellent, and the electrical resistance is lower than either Alocrom 1200 coatings or untreated alloy.

Alocrom 1000 is not suitable for foodstuffs and water containers.

### Features

- Best electrical conductivity of all Alocrom conversions.
- Minimal change in surface appearance: maintaining metallic appearance.
- Easy to use and control: Timing can be varied by concentration changes.
- Improved adhesion and corrosion resistance for lacquered and painted surfaces.
- Coatings are integral with the metal and will withstand bending and denting of the surface.
- Gives excellent protection against corrosion to both painted and unpainted aluminium surfaces.
- Provides an excellent foundation for paint and other organic coatings



## Alocrom 1200

Alocrom 1200 is a rapid non-electrolytic dip which gives excellent protection against corrosion to both painted and unpainted aluminium surfaces, which forms a protective golden coloured chromate coating on aluminium and its alloys.

### Features

- Best electrical conductivity of all Alocrom conversions.
- Minimal change in surface appearance: maintaining metallic appearance.
- Easy to use and control: Timing can be varied by concentration changes.
- Improved adhesion and corrosion resistance for lacquered and painted surfaces.
- Coatings are integral with the metal and will withstand bending and denting of the surface.
- Gives excellent protection against corrosion to both painted and unpainted aluminium surfaces.
- Provides an excellent foundation for paint and other organic coatings

Alocrom 1200 is approved to DEF STAN 03-18 Certificate No. 031801 for use on aircraft, (including special approval for repairing damaged anodic coatings).



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