

TECHNICAL DATA SHEET

BONDERITE M-CR ALCRM1200BR AERO(also known as **Alocrom 1200 Brush**)**Chromium Conversion Brush Kit (Gold)**

Description	A small job/repair kit, consisting of a two pack yellow liquid, which will impart an iridescent, golden chromate protective coating to aluminium and aluminium alloys.
Features	<ul style="list-style-type: none">• Designed as part of the preparation for aluminium aircraft coating systems, or for the treating of a few bespoke components, where dipping is not practicable.• Easy to use - can be brushed on.• A rapid, non-electrolytic, chromate conversion treatment.• Gives excellent protection from corrosion.• An excellent base for paint systems.• Forms an integral layer with aluminium which is highly flexible and impact resistant.
Complies With	SAE AMS 03-18 and DTD 902E; as 'Alodine 1200' it is approved to US MIL-DTL-5541 and MIL-DTL-81706; and approved by all major aircraft manufacturers including BAE and Airbus.
Product Code	MP0004 (Part A – in 5 or 10 kg packs) – MP0005 (Part B – in 5 or 10 kg packs) MP0082 – combined 2 kg Kit.
Mix Ratio	1 to 1 (by weight).
Pot Life	The mixed material will remain usable for a period of up to 24 hours under normal working conditions. Excess mixed material should be discarded and not returned to a closed container.
SG	1.32 ± 0.1 kg/l at 20°C.
Coverage	The rate of consumption will depend on the coating weight obtained, wastage through excessive mixing and the care in application. As a guide, the following range has proved reliable: Brush: 15 – 20 m ² /kg of mixed material.
Equipment	Mixing containers for the ALCRM1200BR solution should be made of plastic or stainless steel. Glass, tin, mild or galvanised steel should not be used.
Application	All surface contamination must be removed and surfaces must be clean and oxide free. Do not apply by spray. Normally the process sequence is: <ol style="list-style-type: none">1. Heavy oils or accumulated contamination should be cleaned off with either T Wipes 2 (MP0302) or T Cleaner (MP0113).2. Clean and deoxidise with Bonderite C-IC 624 (MP0003).3. Cold water rinse to remove cleaners (see Rinsing below).4. Brush or swab the mixed ALCRM1200BR AERO on to work and allow to react for 3 to 12 min (see Notes on Application below).5. Cold water rinse (see Rinsing below).6. Dry off (see Force Drying below).

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Notes on Application:

The ALCRM1200BR AERO mixture should be applied quickly, liberally and evenly, working upwards on a vertical surface. Use only on small areas – do not attempt to treat a large area at one time. A nylon brush is normally suitable, or soft bristle brushes or sponges can be used for specific purposes.

If there is poor wetting or bare areas showing after treatment, the most likely cause is inadequate pre-cleaning, with residual oil or oxide being left on the surface and preventing the correct reaction. Areas need cleaning again with **BONDERITE C-IC 624 (MP0003)** and the ALCRM1200BR AERO reapplying.

Rinsing	Normally, fresh mains water, dispensed either through a fine spray bottle, can or a hose, is most effective, applied from top to bottom. Avoid damaging the surface by rough wiping.
Force Drying	Air dry with compressed air, or oven dry at 120°C for 10 minutes.
Shelf Life	For best before date, see label.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Technical Support	For technical support in using this product, please contact: e: birminghamtech@trimite.com , or t: 0121 554 7000.
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