

Anodised Aluminium

Our sub-surface print process is the key to our durability. Weather-proof, heat, solvent and scratch resistant images sealed in anodised aluminium. Exceptionally durable, widely specified, always readable. Our anodised aluminium products are tough labels made for tough places. Metal Image have been the leaders in Durable Product Identification for almost four decades. We are proud of what we do, enjoy what we do, and we're good at it.

- Asset tracking labels and tags.
- Compliance and rating plates.
- Nameplates and serial labels.
- Control fascia, mimic panels.
- Branding, promotional and point of sale products.
- Heritage and commemorative plaques.

Alichroma

Specifications of DuraSeal Anodised Aluminium Sheets

Dura Seal25 sheets meet the standard of the following specifications:

Mil.spec. A.8625 A type II coating	Fed.Std. G.G. P.455B (10.7.1972) type II, class I (class II not standard) (3.5. - 3-7-1- t/m 3.10- 6.1 - 6.5.3.)
Mil.spec. P.514C (15.s.1963) (3.2.1. + 3.2.2. Grade B)	
Mil.spec. P.514D (15.9.1966) (3.2.2. + 3.6.)	

The products made with DuraSeal25 and after treatment provided with an “adhesive backing” meet Mil.spec. P.19834B. This is to specify the properties of products made from DuraSeal25 anodised aluminium sheets according to the working instructions for the product which are issued by the manufacturer of the sheets.

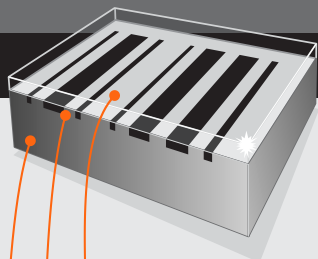
Images Black BK 10 B - Silver Blue BE 06 B - Silver Red RD 09 B - Silver Yellow YW 02 B - Silver	Images Yellow YW 01 B - Silver Orange OE 03 B - Silver Red RD 07 B - Silver Red RD 08 B - Silver Blue BE 05 B - Silver Green GN 04 B - Silver
Exterior Exposure Exceeding : 6 years Exceeding Weatherometer : for 400 hrs. Test GG -455b	Exterior Exposure Exceeding : 3 years Exceeding Weatherometer : for 150 hrs Test GG -455b

Alichroma Performance Characteristics - DuraSeal25

For all images in mono and multicolour:

Abrasive Resistance	Taber - Abraser with CS 17 wheel Load: 1000 gr. Cycles pro hr: 7000	SLIGHT DULLING
	Pighairbrush + water + talcum powder. Load: 1000 gr. Cycles pro hr: up to 24000	NO EFFECT
Temperature Resistance	500°C 300°C for 12 hrs	BLEACHING within 2 minutes. NO EFFECT
Salt spray	5% at 40°C for 700 hrs	NO EFFECT
Mil -S -3136 Hydrocarbon Fluid	700 hrs immersion	
Mil -S -5161 Turbine + Jet Engine fuel	700 hrs immersion	
Kerosene	700 hrs immersion	
Skydroll	700 hrs immersion	
Methyl Ethylketone	700 hrs immersion	
Ethyl acetate	700 hrs immersion	
Xylol	700 hrs immersion	
Heptane	700 hrs immersion	
Ethyl alcohol	700 hrs immersion	
Ferric chloride	10% solution 24 hrs	
Ammonium Hydroxide	10% solution 10 hrs	
Mil -P -21563	Soap solution 16 hrs	
Mil -C -25179 AIN in Heptane	25% solution, 1 min (cleaning solution)	
Sulphuric Acid	10% solution, 24 hrs	
Phosphoric Acid	1% solution, 12 hrs	
Nitric Acid	3% solution, 72 hrs	
TSP	1% solution, 40 hrs	

Anodised Aluminium. What is this stuff?



Anodic Layer

The glass-clear, sapphire-hard anodised layer resists chemicals, paint, abrasion and dirt.

Sealed Image

The printed graphics are trapped deep in the pores of the anodised aluminium.

Base Aluminium Layer

The corrosion resistant aluminium base will not peel, crack or delaminate.