

Specifications of DuraPor25 anodised aluminium sheets

This is to specify the properties of products made from DuraPor25 anodised aluminium sheets according to the working instructions for the product which are issued by the manufacturer of the DuraPor25 anodised aluminium sheets i.e. Polychromal b.v., Alkmaar in Holland.

| | | |
|--------------|-------|----------|
| Images Black | BK10B | - Silver |
| Blue | BE06B | - Silver |
| Red | RD09B | - Silver |
| Yellow | YW02B | - Silver |

| | | |
|-------------------|-------------------------|----------------|
| Exterior Exposure | exceeding | : 6 years |
| | exceeding Weatherometer | |
| | Test GG-455b | : for 400 hrs. |

| | | |
|---------------|---------|----------|
| Images Yellow | YW01B | - Silver |
| Orange | OE03B | - Silver |
| Red | RD07B | - Silver |
| Red | RD08B | - Silver |
| Blue | BE05B | - Silver |
| Green | GN 04 B | - Silver |

| | | |
|-------------------|-------------------------|---------------|
| Exterior Exposure | exceeding | : 3 years |
| | exceeding Weatherometer | |
| | Test GG-455b | : for 150 hrs |

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 | BLEACHING within 2 minutes. |
| | : 300°C for 12 hrs | NO EFFECT |
| Salt spray | : 5% at 40°C for 700 hrs | NO EFFECT |
| Mil-S-3136 Hydrocarbon fluid | : 700 hrs immersion | NO EFFECT |
| Mil-S-5161 Turbine + Jet Engine fuel | : 700 hrs immersion | NO EFFECT |
| Kerosene | : 700 hrs immersion | NO EFFECT |

| | | |
|----------------------------|---|-----------|
| Skydroll | : 700 hrs immersion | NO EFFECT |
| Methyl Ethylketone | : 700 hrs immersion | NO EFFECT |
| Ethyl acetate | : 700 hrs immersion | NO EFFECT |
| Xylol | : 700 hrs immersion | NO EFFECT |
| Heptane | : 700 hrs immersion | NO EFFECT |
| Ethyl alcohol | : 700 hrs immersion | NO EFFECT |
| Ferric chloride | : 10% solution 24 hrs | NO EFFECT |
| Ammonium Hydroxide | : 10% solution 10 hrs | DULLING |
| Mil-P-21563 | : soap solution 16 hrs | NO EFFECT |
| Mil-C-25179 AIN in Heptane | : 25% solution, 1 min. (cleaning solution) | NO EFFECT |
| Sulphuric Acid | : 10% solution, 24 hrs | NO EFFECT |
| Phosphoric Acid | : 1% solution, 12 hrs | NO EFFECT |
| Nitric Acid | : 3% solution, 72 hrs | NO EFFECT |
| TSP | : 1% solution, 40 hrs | NO EFFECT |

Durapor25 sheets meet the standard of the following specifications:

Mil.spec.A.8625 A type II coating
 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.)
 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.)

The products made with DuraPor25 and after treatment provided with an " adhesive backing" meet Mil.spec. P.19834B.

Alkmaar, 17-09-2018

POLYCHROMAL B.V.
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