



713 N. Main Street  
 Riverside, CA 92501  
 (714) 781-9724  
 FAX (714) 781-8264

**ROLITE SUPRA 90 COMMERCIAL AIRCRAFT METAL POLISH**

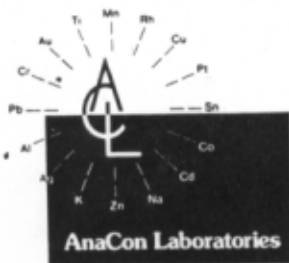
This product meets or exceeds  
 Boeing Document D6-17486  
 Classification 4a.

Testing Completed June 22, 1990

Respectfully Submitted,

*Bruce Klingler*  
 Bruce Klingler  
 AnaCon Laboratories

dw



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July 10, 1990

Product: Rolite Supra 90 Commercial Aircraft Metal Polish

Regarding: Tested for Conformance to Boeing D6-17486  
Classification 4a.

Rolite Supra Commercial Aircraft Metal Polish  
Boeing D6-17486

Paragraph 6. Sandwich Corrosion

ACCEPTED

<u>* Panel</u>	<u>Effect</u>
1	No Change from control
2	No Change from control

Paragraph 7. Immersion Corrosion

ACCEPTED

<u>* Panel ID</u>	<u>Average Weight Loss (mg/24 hours)</u>
A	0.1
B	0.1
C	0.2
D	0.1
E	+0.1
F	<0.1
G	<0.1
H	0.3
I	<0.1

\* See attached for identification.



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Paragraph 8. Acrylic Stress Craze (ASTM-F-484): ACCEPTED

Type A @ 3000 psi

No cracking or crazing

Paragraph 12. Paint Softening (ASTM-F-502): ACCEPTED

No Change in pencil hardness noted

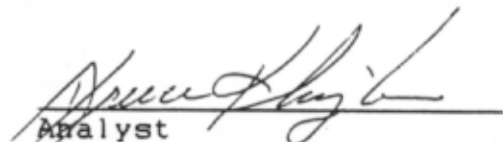
Paragraph 13. Hydrogen Embrittlement (ASTM-F-519 Type 1c): ACCEPTED

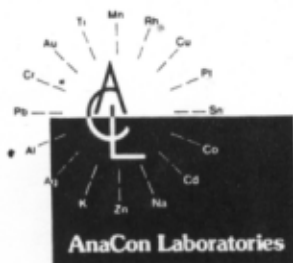
Stressed to 45 % of tensile load

No failure after 150 hours

Penetrant inspection revealed no cracks.

Respectfully Submitted,

  
 Analyst  
 AnaCon Laboratories



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### IMMERSION CORROSION TEST PANELS D6-17487

- (A) Clad 2024-T3 aluminum alloy per QQ-A-250/5.
- (B) Bare 2024-T3 aluminum alloy per QQ-A-250/4, Chemfilm per BAC 5719 Class A or MIL-C-5541.
- (C) Bare 2024-T3 aluminum alloy per QQ-A-250/14, anodize per BAC 5019 or Mil-A-8625 Type I.
- (D) Bare 7178-T6 aluminum alloy per QQ-A-250/14, anodize per BAC 5019 or MIL-A-8625 Type I.
- (E) 4130 steel per MIL-S-18729, cadmium plate, bake and post-plate treat per BAC 5718 or BAC 5804.
- (F) 4130 steel, cadmium plate per BAC 5701 or QQ-P-416.
- (G) 6A1-4V titanium per MIL-T-9046 Type III, Comp. C.
- (H) Bare AZ31B magnesium alloy per QQ-M-44 with MIL-M-3171 Type III (Scribe through MIL-M-3171 coating diagonally across each side of panel).
- (I) 4130 steel per MIL-S-18729



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**SANDWICH CORROSION TEST PANELS D6-17487**

- (1) Clad 7075-T6 aluminum alloy per QQ-A-250/13.  
(Optional: Clad 2024-T3 per QQ-A-250/5)
  
- (2) Bare 7075-T6 aluminum alloy per QQ-A-250/12.  
(Optional: Bare 2024-T3 per QQ-A-250/4)  
Anodized in accordance with BAC 5019 or MIL-A-8625 Type I.