

Marking Materials

Research and Development

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**Federal Aviation
Administration**



Marking Material Projects

- Waterborne Paint
- Adsil Glass Coating
- Polyurea Marking Material
- Polyester Marking Material
- Thermoplastic Marking Material

Tests Performed

- Chromaticity Test
- Retro-Reflectivity Test
- Pull-Off Strength Test
- Friction Test
- 2 - Liter Water Test
- Flow Meter Test

Tests Performed

→ Chromaticity Test



Tests Performed

→ Retro-Reflectivity Test



Tests Performed

→ Pull-Off Strength Test



Tests Performed

→ Friction Test



2 - Liter Water Test And Continuous Wetting Test



Waterborne Paint And Bead Research



Adsil at Jacksonville Naval Air Station



Adsil at Jacksonville Naval Air Station



Adsil at Jacksonville Naval Air Station



Polyurea Centerline At Newark



Polyurea Marking Material at Newark



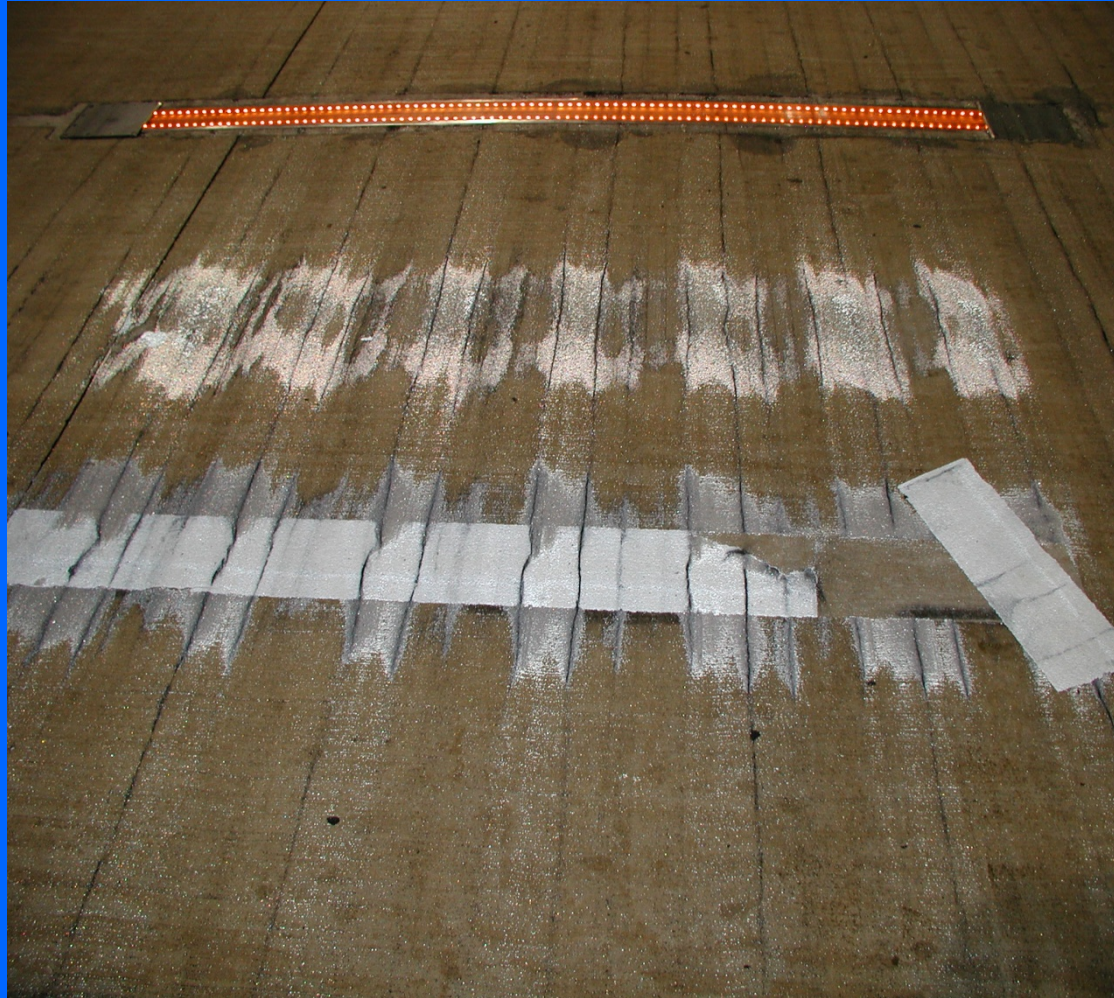
Polyurea Marking Material At Newark



Polyester Marking Material



Polyester Marking Material



Thermoplastic Marking Material



Thermoplastic Marking Material



Marking Material Documents

- AC 150/5370-10E P-620 Paint
- AC 150/5340-1J Airport Markings
- TT-P-1952E Waterborne Paint
- TT-B-1325D Bead
- ASTM-E-2177-01 2-Liter Water Test

Marking Material Documents

- ASTM-E-2176-01 Continuous Wetting
- ASTM-D-4541-02 Pull Off Test
- FED-STD-595C Federal Colors
- IPRF-Document 01-G-002-05-1 Airfield Marking Handbook

Questions or Comments?

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