

Aircraft Abrasive Blast De-paint Test Summary

	Paint Adhesion	Surface Roughness	Clad Penetration	Fatigue	Crack Growth	Fiber Damage	NDI
Wheat Starch	NT	Pass	Pass	Fail ³⁾ (-20% to -40%)	Pass	Pass	Pass
Type VII	NT	Pass	Pass	Fail 3 (-38% to -50%)	Pass	Pass	Pass
MPC-EGX	NT	Pass	Pass	Fail (-61% to 62%)	Pass	Pass	Pass
MPC-SHX	NT	Pass	Pass	Fail (-41% to -49%)	Pass	Pass	Pass
MPC-BTX	NT	NT	NT	NT	NT	NT	NT
Sponge-Jet	Pass ²⁾	Pass	Fail	Fail ³⁾ (-47% to 66%)	Pass	Fail	Fail
ADM-XL	NT	Pass	Pass	Fail (-20% to -28%)	Pass	Pass	Pass
X-Off	NT	Pass	Pass	NT ³⁾	NT	NT	NT
Magic TypeVIII	Pass	Pass	Pass	Pass (+10% to -3%)	Pass	Pass	Pass

Notes:

- 1) Sponge-Jet passed clad penetration tests for one strip cycle
- 2) Sponge-Jet paint adhesion tests performed by OC-ALC/LHRH (Capt. T. Weir) - excellent results
- 3) Wheat Starch, P PML Type VII, X-Off and Sponge-Jet all passed almen strip fatigue tests

1/12/2000

**Test Results Magic Type VIII (Nano-Composite)
was compared to eight other abrasives.**