

Weathering Test No. TP08

I. Scope

This test procedure is used to determine the weathering characteristics of the paint/polymer system, used in the TextureFoam system.

II. Materials and Equipment

- a.** Q type UV Tester called QUV with an A340 light wave bulb. The test involves a cycle of 8 hours of UV at 70 degrees Celsius; 4 hours of darkness, humidity and at 50 degrees Celsius. This cycle is constantly repeated for the length of the test.
- b.** TextureFoam production coated parts with barrier coat and top coat. The parts are cut 12" by 3" and ¼" thick in order to properly fit the QUV equipment.
- c.** Color Difference Tester (Hunter)
- d.** Gloss meter.

III. Procedure

- a.** Age finished parts for 1 week at room temperature (77 degrees F)
- b.** Test one part for 240 hours of QUV.
- c.** Test one part for 504 hours of QUV.

IV. Report

- a.** Take the reading of CIE L*a*b* values before and after the test, record these values.
- b.** Take reading of Gloss value before and after the test, record these values.
- c.** Compare test results to TextureFoam standard parts.

V. Results

- a.** The parts tested passed. There was no change in CIE*a*b* or Gloss values on the Texture Foam samples tested.