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## ► Weathering

— TEST NO. TP08 —

### I. Scope

This test procedure is used to determine the weathering characteristics of the paint/polymer system, used in the Texture Panels 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. Texture Panels 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 Texture Panels standard parts.

### V. Results

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

## CONTACT