RESTORFX®
POLYMIMETIC SURFACE REGENERATION

RESTORFX
UV EXPOSURE TEST

THIS ACCELERATED ULTRAVIOLET (UV) EXPOSURE TEST IS EQUIVALENT TO 6-7 YEARS OF EXTREME UV OUTDOOR SUNLIGHT EXPOSURE. **RESTORFX** PROVED ITS RESISTANCE TO THE ELEMENTS WITH A HIGHER UV EXPOSURE RESISTANCE THAN ANY OTHER AFTERMARKET COATING ON THE MARKET, WITH LESS THAN 2% CHANGE IN GLOSS RETENTION ON ALL HORIZONTAL AND VERTICAL SURFACES.

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TOUCHSTONE

UV Exposure Per ASTM G151 and 154

Two RestorFX coated panels measuring 3'' x 6'' were provided for UV exposure testing.

These were placed in the test chamber and exposed to UV Irradiance using Florescent Lamps certified for the UVB 340nm rage (Outdoor Daylight). The cycle used was number 6 as provided in the table X2.1 of ASTM G154. This cycle provides for 1.55 $W/M^2/nm$ irradiance at the following cabinet conditions: 8-hours of UV at 60°C followed by 4-hours of condensation at 50°C. (equivalent to 5 years of UV outdoor exposure).

Initial gloss measurements were performed prior to exposure using a Micro-Try-Gloss Meter provided by the BYK Gardner Company according to ASTM D523 specular Gloss of Non-Metallic Materials in the 60° mode. Subsequent gloss measurements were performed at intervals as indicated in table 4 below.

Gloss retention from before exposure to after exposure was measured. Values very somewhat but overall indicated that no change in gloss has occurred from the UV exposure.

Table 4. Gloss Measurements

Plate ID / Date	RestorFX Plate A (Before)	RestorFX Plate A (After)	RestorFX Plate B (Before)	RestorFX Plate B (After)
Initial 10/20/2014	90.4	90.0	90.6	90.4
10/21/2014	91.6	90.6	90.1	89.9
10/23/2014	89.8	90.1	90.6	89.9
10/27/2014	88.9	88.8	90.5	90.6
10/31/2014	92.1	91.4	89.9	89.9
11/03/2014	89.5	91.4	90.2	90.7
11/10/2014	91.2	90.7	89.5	90.3
11/17/2014	90.9	90.5	90.1	90.6
11/19/2014	90.4	90.2	89.8	90.2

Signed H.L. Stauver Dated 11/21/2014

H.L. Stauver