DIAMON-FUSION INTERNATIONAL

INDEPENDENT TESTING REPORT

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SALT SPRAY AND FOG TEST

2.1 OVERVIEW

Diamon-Fusion International contracted an independent testing laboratory, Durkee Testing Laboratories, Inc., in early 1998 to evaluate its protective glass coatings for contact angle in accordance with ASTM B 117-95 – *Standard Practice for Operating Salt Spray (Fog) Apparatus*.

2.2 TEST METHODS

A sample pre-treated with ***Diamon-Fusion®*** was provided to Durkee Testing Laboratories, Inc. Test specimens and placed in an enclosed salt spray cabinet or chamber along with an untreated glass sample and subjected to a continuous indirect spray of a neutral (ph 6.5-7.2) salt water solution. The water used in testing was added with enough sodium chloride until a five percent salt solution is achieved.

At the time the specimen was placed into the chamber, the cabinet was pre-conditioned to the operating temperature of 35°C (95°F) and fogging a 5% salt solution at the rate of 12ml/hr. This climate was maintained throughout the duration of the test.

The testing lasted for a total of 504 hours with observations being taken on the performance of both the ***Diamon-Fusion®*** treated and untreated samples after this testing was completed.

2.3 RESULTS

The sample treated with ***Diamon-Fusion®*** remained more water repellent than the untreated sample after over 500 hours of salt spray exposure without any fading, peeling, hazing, chipping, or cracking of the coating.