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Investigative Chemistry
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**ACCELERATED WEATHERING
OF
MOISTURE DRAINAGE COMPONENTS**

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The test results contained in this report pertain only to the samples submitted for testing and not necessarily to all similar products.

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Stork Twin City Testing Corporation is an operating unit of Stork Materials Technology B.V., Amsterdam, The Netherlands, which is a member of the Stork Group

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ACCELERATED WEATERING OF MOISTURE DRAINAGE COMPONENTS

INTRODUCTION:

This report presents the results of accelerated weathering tests conducted on samples of moisture drainage component panels. The testing was authorized by Steve Samec of Masonry Technology Incorporated on September 15, 2008. The testing and data analysis were completed on October 20, 2008.

The scope of our work was limited to conducting initial and final surface inspection tests on the samples submitted and reporting the results. Actual UV exposure was completed at another Stork laboratory.

SUMMARY OF RESULTS:

All panels had yellowing, but no cracking, checking, crazing, erosion or other characteristics, that might affective performance.

SAMPLE IDENTIFICATION:

The samples were identified as five moisture drainage components - white panels.

TEST METHOD:

Testing was done according to ASTM G 154-00A with notes of deviations and/or parameters used.

Test Method	Test Method Title	Deviations from and/or Parameters for Method
ASTM G 154-00A	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials	-UVA-340 Lamps -UV exposure 10hrs per day for 21 days @ 60°C (210hrs total) -14hrs dark @ 23°C

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CALIBRATED TEST EQUIPMENT:

Fischer Scientific Digital Thermometer, PT-173-026, calibration due 9/09

Irradiance Calibrator, PT-173-007, calibration due 9/09

Accelerated Weathering Tester, calibration due per use

UNCALIBRATED TEST EQUIPMENT:

Magna-Lite Pocket Magnifier, 5X Power

TEST DATA:

Sample Identification	Specimen	Before Exposure	After Exposure
Moisture Drainage Components - White Panels	Control	No cracking, checking, crazing, or erosion noted	No surface changes
	1		No surface changes
	2		0.06" indent*
	3		No surface changes
	4		0.05" indent*

* = indents were not present initially and are believed to have been the cause of handling. The surface showed no other signs of degradation.

REMARKS:

The test materials not consumed in testing will be retained for 14 days from the date of this report and then discarded unless we receive written notification requesting otherwise.

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