



RELIABLE ANALYSIS INC.

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REPORT NUMBER	920096
PURCHASE ORDER	1031
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REPORT DATE	7-15-09
TOTAL PAGE(S) NUMBER	1/3

REPORT FOR

True Harbor
2145 Cole Street
Birmingham, MI 48009
USA

Attn: Dick Cantely
Subject: Environmental testing with measurements.

1.0 Work Requested

Reliable Analysis to test True Harbor supplied Interlocking Marine Docking Panels as described in reference quotation number 920096 Environmental Testing

2.0 Sample Description

Three (3) different panels were received in good condition and marked for testing.
S/N 1- Woodbeam 1.5 inch panel
S/N 2- Prod N 30% GF Sunwalk panel
S/N 3- No-BRK Sunwalk panel

3.0 Test Procedure

Three (3) panels were placed in an environment chamber with no holding fixture (Free State) and exposed to specified temperatures for 2 hours. The samples were then measured at temperature in the X and Y axis with the results being recorded in accordance with client's instructions. The samples were marked on the side with A to B points and C to D points for measurement references. The following shows the temperature schedule.

50° F (10°C) for 2 hours

0°F (-18°C) for 2 hours

100°F (38°C) for 2 hours

Ramp times were not calculated in the soak time.



4.0 Test Results – Environmental testing

Measurement readings at Temperature in mm

	S/N 1 Woodbeam 1.5 inch panel		S/N 2 Prod N 30%GF Sunwalk panel		S/N 3 No-BRK Sunwalk Panel	
	A to B	C to D	A to B	C to D	A to B	C to D
50°F (10°C)	1196	592	1205	1205	1188	1188
0°F (-18°C)	1195	590	1204	1204	1186	1186
100°F (38°C)	1201	596	1206	1207	1192	1192

Set up photo





5.0 Calibrated equipment

Reliable Analysis Inc.					
Description	Manufacturer	Model Number	Serial Number	RA Number	Cal. Due
Environmental Chamber	Russell	WD-768-25-25-WC	10053643	20006	3/17/10

6.0 Sample Disposition

The tested samples are retained at Reliable Analysis for customer pick up.

Reliable Analysis, Inc.

Winston Seto
Laboratory Manager

Tested by: Len Thaens
Written by: Len Thaens