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MICHIGAN ADHESIVE MANUFACTURING, INC.  
Date: July 3, 2007  
P.O. No.: 1917

Report No.: 07-0628-136230(R7/24)  
Page 1 of 4  
Revision:Corrected Product Descrip.

**Test Report For:**

**MICHIGAN ADHESIVE MFG.**

**CISCA 2004 Recommended Test  
Procedures for Access Floors  
Section VI  
Overturning Moment Test**

**MA-260 Clearcoat Coating and MA-200 2  
Part Epoxy Coating**

**Dorian Bako  
Project Manager**

**James Jantz  
Senior Project Manager/cm**



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Attention: Scott Carmichael  
MICHIGAN ADHESIVE MANUFACTURING, INC.  
8555 Silver Creek Road  
PO Box 321  
Whitehall, MI 49461  
Phone: 740-369-3624  
Fax: 740-363-6382  
Email: [scarmichael@michiganadhesive.com](mailto:scarmichael@michiganadhesive.com)

Dear Scott,

Please see the attached data sheets for tests recently performed by Intertek on your MA-260 Clearcoat Coating and MA-200 2 Part Epoxy Coating.

This report contains results arrived at after employing test procedures described herein on the specific test sample submitted. It is not intended to constitute a recommendation, endorsement, or certification of the product or material tested.

This report certifies that those tests were conducted by a professional test engineer or by supervised, qualified technicians. It also certifies that all equipment used in the testing process is suitable for the test objectives. Test samples will be retained for 30 days after completion of test, and will be discarded unless otherwise advised by the Client.

Thank you for permitting Intertek to conduct this testing program for you.

Sincerely,

INTERTEK

A handwritten signature in black ink that reads "James Jantz". The signature is written in a cursive style with a large, sweeping initial "J".

James Jantz  
Project Manager/cm

**DATE RECEIVED:** 05/28/07  
**DATES TESTED:** 05/29/07 - 06/28/07

**DESCRIPTION OF SAMPLES:**

Part Descriptions: Pedestal Bases are fabricated from a 16 ga. wall 7/8" sq. tube resistance welded to a 4" x 4" x 1/8" in. base plate attached to concrete blocks using MA-260 Clearcoat Coating or MA-200 2 Part Epoxy Coating and Sealbond 95 Adhesive.

**WORK REQUESTED/APPLICABLE DOCUMENTS:**

To test the submitted samples per Cisca 2004 for the following test program:

<u>Section No.</u>	<u>Test Description</u>
VI	Overturing Moment

**CONCLUSION:**

The submitted samples are to be evaluated by Michigan Adhesive Mfg.

**TEST EQUIPMENT:**

Pennsylvania Load Cell W/Digital Readout:	Asset #: 138022
12' Tape Measure:	Asset #: 138109
Graduated Rule 36":	Asset #: 138112
Static Tilt Table:	N/A
Pneumatic Ram:	N/A

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program

**OVERTURNING MOMENT PROCEDURE:**

Dates Tested: 05/29/07 - 06/28/07

Description of Samples:

Pedestal Model: Pedestal Bases are fabricated from a 16 ga. wall 7/8" sq. tube resistance welded to a 4" x 4" x 1/8" in. base plate attached to concrete blocks using MA-260 Clearcoat Coating or MA-200 2 Part Epoxy Coating and Sealbond 95 Adhesive.

Test Procedure:

Test Method: Determine per CISCA 2004 Section VI, the overturning moment force to dislodge the Steel Pedestals from cement blocks. Note-each pedestal base has 16 square inches of contact area with the floor.

Coating Cure Time: 3 Days (prior to setting pedestals)  
Pedestal Cure Time: 21 Days (set in Sealbond 95 Adhesive)  
Number of Samples Tested: Ten (10)

Acceptance Level:

None specified.

Results:

	MA-260Clearcoat Coating	MA-200 2 Part Epoxy Coating
Sample Number	Dislodgement Force (in.lbf)	Dislodgement Force (in.lbf)
1	2112	2400
2	2304	2112
3	2352	2352
4	2304	2448
5	2400	2304
Avg.	2294.4	2323.2

The submitted samples are to be evaluated by Michigan Adhesive Manufacturing, Inc.

**1.0 INTRODUCTION**

These Terms and Conditions are incorporated into the Intertek proposal made and submitted to you. The party executing this document ("Client") indicates acceptance of this proposal and that it is agreed that a resulting contract exists between Client and Intertek which governs the performance of the stated services and the rights and obligations of the parties and that Intertek may proceed with the work.

**2.0 PROPOSAL TERM**

Unless otherwise stated in the proposal, this offer shall remain valid until accepted, but in no event for a period longer than thirty days from the date of the proposal.

**3.0 CLIENT INFORMATION**

Client represents that the information supplied by it or its agents to Intertek is accurate and complete and samples are representative, and Client has informed Intertek concerning any dangerous or potentially dangerous characteristics of such samples which could cause injury during the performance of the work or in the transporting of such samples and Client also acknowledges that Intertek is relying upon such information and samples or data in the preparation of this proposal without further verification by Intertek as to its accuracy or completeness. The Client agrees to hold Intertek harmless and indemnify Intertek from any liability of whatever kind or nature, including but not limited to court costs and reasonable attorneys fees if information provided by the Client is inaccurate or incomplete or samples are not representative. Intertek agrees that information received from the Client shall remain the property of the Client and will be returned to the Client upon demand, except for that which is necessary as a basis for the Intertek Reports. Client may designate in writing any information provided by Client to Intertek as confidential and proprietary. If Client has done so, Intertek will not release to third parties any such information without the prior written consent of the Client or only in response to a proper court order or process. As to that information, Intertek may make and retain copies. Client shall designate in writing to Intertek if it does not wish to have Intertek transmit any information, including test data and Reports, via fax or electronic means.

**4.0 PROPOSAL, PRICE AND SCHEDULE**

Intertek will work diligently to provide the services according to the costs and schedule stated in the referenced proposal. Client recognizes and agrees that the proposal is a good faith estimate of the costs for the services to be provided and times of completion, but such estimate is not a guarantee of the total costs or time that may be involved in completing the proposal. Intertek will not exceed the authorized estimate of costs without written authorization of Client. Samples will be shipped by Client to Intertek prepaid and will be returned collect or disposed of at Client's expense within thirty (30) days after testing is completed, unless alternative arrangements are made by Client. Additional fees will be charged for unanticipated assembly or preparation of samples. Test services will not be initiated until satisfactory credit has been established with Intertek's accounting department.

**5.0 INVOICING**

Invoices will generally be issued upon project completion. In certain instances, interim invoices may be issued. Invoices are due and payable to Intertek at its offices, within thirty (30) calendar days after receipt of invoice, and client agrees to pay reasonable collection costs if necessary in the event of non-payment.

**6.0 INSURANCE**

Intertek declares that it maintains workers' compensation and employer's liability insurance on Intertek employees in a form and amount as required by applicable laws. This insurance does not cover any employees of Client or third parties who may be involved with the work to be performed, whether on property of Intertek, Client or third parties.

**7.0 REPORTS**

The Client agrees to waive any claim against Intertek and defend, indemnify, and hold Intertek harmless from any and all causes of action, lawsuit, proceedings or claims, including legal fees and expenses incurred by Intertek, allegedly arising as a result of unauthorized use of Intertek's Reports. The Reports include all reports, laboratory test data, calculations, estimates, notes and other documents prepared by Intertek in the course of providing services to the Client. Reports will be made utilizing Intertek's standard format unless otherwise agreed to in writing. The Client agrees to indemnify Intertek for any breach by the Client arising out of clause 3.0 (Client Information) above requiring accurate and complete information and representative samples. Intertek retains any and all rights of ownership of Intertek's concepts, ideas, inventions, patents or copyrights used by Intertek in preparing Intertek's Reports and the provision of services to the Client. Only the client is authorized to copy or distribute this report and then only in its entirety, and the Client shall not use the Reports in a misleading manner. Client further agrees and understands that reliance upon the Reports is limited to the representations made therein. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. If Intertek becomes directly or indirectly involved in litigation as a result of misuse of its Reports, the Client agrees to compensate Intertek for its fees and expenses, including legal costs, in accordance with Intertek's prevailing fee schedule and expense reimbursement policy.

**8.0 LIMITED WARRANTY**

Intertek warrants that if any of its completed services fail to conform to professional standard, Intertek will, at its own expense, perform corrective services of the type originally performed as may be reasonably required to correct such defects, of which Intertek is notified in writing within six months of the completion of services. No other representation, express or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinion, document or otherwise.

**9.0 LIMITS OF LIABILITY**

Intertek's liability is limited as follows:

9.1 The Client agrees to limit Intertek's liability arising from Intertek's professional activity, errors, or omissions, such that the total aggregate liability of Intertek shall not exceed Intertek's total fee for the services rendered on the project in question, except in the case of a finding of gross negligence or willful misconduct on the part of Intertek by a court of competent jurisdiction.

9.2 Intertek shall be discharged from all liability to the Client for all claims for loss, damage or expense unless a claim is made within three (3) months of the date at which the damage, defect or alleged non-performance became apparent to the Client, and the process of law served no later than two (2) years from the provision of services by Intertek. -

9.3 Intertek shall not be liable to the Client for any consequential damages incurred by Client due to the fault of Intertek, regardless of the nature of this fault, whether it was committed by Intertek, its employees, agents or subcontractors. Consequential damages include, but are not limited to, loss of use and loss of profit.

9.4 The Client agrees to extend any and all limitations, indemnifications, and waivers provided by the Client to Intertek to those individuals and organizations Intertek retains for proper execution of the work. These shall be deemed to include but are not necessarily limited to Intertek's officers and employees and their heirs and assigns, as well as Intertek's agents, subcontractors and their officers, employees, heirs and assigns.

9.5 Client acknowledges that testing, including sample preparation and transportation, may damage or destroy Client's product. Client agrees to hold Intertek harmless from any and all responsibility for such alteration.

9.6 The Client agrees Intertek shall not be responsible for any injuries to the Client's representatives while attending to or observing testing at Intertek's facility. If testing takes place at the Client's facility, Client agrees that Intertek will not operate and shall not be responsible for any of Client's equipment and that although Intertek agrees to abide by Client's safety procedures, Intertek shall not be responsible for injury to any of Client's personnel.

**10.0 GOVERNING LAW**

This proposal, and any work performed pursuant to this proposal, shall be governed by the laws of the jurisdiction within which the Intertek facility making the proposal is located. Any action brought hereon shall be venued in said jurisdiction.

**11.0 SEVERABILITY**

Any provision of this proposal that may be held invalid, void or unenforceable for any reason, shall not affect any other term or condition of this proposal, and such term or condition shall be replaced or interpreted to accomplish the intent of the parties.

**12.0 MODIFICATIONS**

No modification, waiver or amendment of any of these terms and conditions shall be binding upon Intertek unless identified in writing as to modification, waiver or amendment of such terms and conditions, and such writing is signed by an agent of Intertek acknowledging the modification, waiver or amendment.

