

H. H. Holmes Testing Laboratories, Inc.

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Report No. 10-045-3
Re: 24" Lid
Date of Test: 3/26/10

Date of Report: 4/5/10

TESTING CONDUCTED FOR: Tuf-Tite Corporation
1200 Flex Court
Lake Zurich, IL 60047

Attn.: Ted Meyers
847-550-1011

ITEMS TESTED: Tuf-Tite 24" FlatLid

OBJECT OF TEST: To determine the compressive strength of the unit

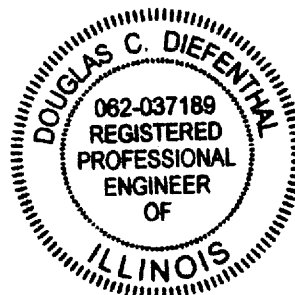
TEST PROCEDURE: Testing conducted per ASTM testing standards utilizing a 1 5/8" x 1 5/8" x 12 1/2" metal test load bar on a 6 1/2" dia x 1/2" metal plate at test conditions: 23+/-3° C and 50+/-5% RH

FINDINGS:	<u>Force</u>	<u>Stress</u>	<u>Deflection</u>
	Load start @ 21 1/4"		
	2000 lbs	307.69 psi	1 1/4" deflection evident
	2500 lbs	384.61 psi	1 1/4" deflection evident
	3000 lbs	461.53 psi	1 3/4" deflection evident
	4000 lbs	615.38 psi	2 1/4" deflection evident

Load removed, unit recovered to 20 7/8"

Respectfully submitted,


Scott R. Nelson
President



Douglas Diefenthal, PE