CONSTRUCTION MATERIALS
TECHNOLOGIES

Specimens:

Specimen No. 2
Cast Date of LWC: na
Date of Roof Installation: 7/24/2014

Component	Description
Insulation	R-50 insulation board (14-202733)
Insulation Attachment	Olybond 500 (3/4" ribbons) @12" oc ribbon spacing
Deck	Concrete

Conditoning:

Start Temperature(F): 75
Start Date: 7/24/2014
End Tempertaure(F): 75
End Date: 7/28/2014

	Summary		
Property	Specimen 1	Specimen 2	Specimen 3
Max Passing Load, (lbf)	720		
Failing Load, (lbf)	780		
Failing Time, (sec)	21		
Failure Mode	R-50 INSULATION BOARD PULL APART		
Max Passing Pressure, (psf)	180		
Est. Design Pressure, (psf)	-90		

CONSTRUCTION MATERIALS
TECHNOLOGIES

Email

To: Ken Areskog (R-50 Systems LLC) **Date:** July 30, 2014
From: Zach Priest
Subject: ANSI/FM 4474 Appendix B: *Simulated Wind Uplift Pull Test Procedure*

Specimens:

Specimen No. 1
Cast Date of LWC: na
Date of Roof Installation: 7/24/2014

Component	Description
Insulation	R-50 insulation board with metal brackets (14-202733)
Insulation Attachment	Olybond 500 (3/4" ribbons) @12" oc ribbon spacing
Deck	Concrete

Conditoning:

Start Temperature(F): 75
Start Date: 7/24/2014
End Tempertaure(F): 75
End Date: 7/28/2014

	Summary		
Property	Specimen 1	Specimen 2	Specimen 3
Max Passing Load, (lbf)	960		
Failing Load, (lbf)	1020		
Failing Time, (sec)	19		
Failure Mode	OLYBOND TO CONCRETE BLOCK. Adhesivedo metal did not stick		
Max Passing Pressure, (psf)	240		
Est. Design Pressure, (psf)	-120		

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