

Form A Pullout Test Report											
(Refer to the ANSI/SPRI FX-1 Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners for full documentation)											
Job name:		Highlands County Annex									
Location:		Sebring, FL									
Test date:		10-10-19			Ambient temperature:		90 F		°F		
Roof area:					Tester manufacturer:		ComTen Industries				
Max. capacity of tester:		2,000			Select one:		<input checked="" type="checkbox"/> <i>lbf</i>		<input type="checkbox"/> <i>kN</i>		
Date of last calibration:		8/31/2019			Number of pulls recorded on Form B:		5				
Fastener tested:		#15 Dekfast screw			Fastener manufacturer:		SFS Group USA				
Fastener tested:		text			Fastener manufacturer:		text				
Fastener tested:		text			Fastener manufacturer:		text				
Test performed by:		Harley Coleman - SFS Group USA									
Witnessed by:		Shawn Sulzener - Fibertite			Test cut areas repaired by:		Shawn Sulzener - Fibertite				
Project type (select one):		<input type="checkbox"/> New construction			<input checked="" type="checkbox"/> Tear off		<input type="checkbox"/> Retrofit				
Deck type (select one):											
<input checked="" type="checkbox"/> Steel		Gauge:		text	<i>ga</i>						
<input type="checkbox"/> Structural concrete		Thickness:		text	<i>in</i>	Select one:		<input type="checkbox"/> Poured in place		<input type="checkbox"/> Precast	
<input type="checkbox"/> Lightweight concrete		Thickness:		text	<i>in</i>						
<input type="checkbox"/> Insulating concrete		Thickness:		text	<i>in</i>						
<input type="checkbox"/> Cementitious wood fiber		Thickness:		text	<i>in</i>						
<input type="checkbox"/> Gypsum		Thickness:		text	<i>in</i>	Select one:		<input type="checkbox"/> Poured in place		<input type="checkbox"/> Precast	
<input type="checkbox"/> Wood		Thickness:		text	<i>in</i>	Select one:		<input type="checkbox"/> OSB		<input type="checkbox"/> Plywood	<input type="checkbox"/> Plank
<input type="checkbox"/> Fiberglass		Thickness:		text	<i>in</i>						
<input type="checkbox"/> Other:		Thickness:		text	<i>in</i>						
Embedment or protrusion:		1"			<i>in</i>						
Drill bit diameter, where applicable:			Dia.	<i>in</i>							
Optional Information											
Test time:		2:00 PM		Building height:		Aprx 15'	<i>ft</i>	Thickness of existing roof assembly:		Aprx 3"	<i>in</i>
New system manufacturer:		Fibertite									
Roof cover type (select one):											
<input checked="" type="checkbox"/> Mech. attached single-ply		<input type="checkbox"/> Modified bitumen									
<input type="checkbox"/> Ballasted single-ply		<input type="checkbox"/> Built-up roofing									
<input type="checkbox"/> Adhered single-ply		<input type="checkbox"/> Other:									
New insulation type:		Enter New insulation here			Thickness:		Ins. Thk.		<i>in</i>		

Form B Pullout Test Report

Pull-Test Results

Test Number	Result (lbf)	Result (kN)
1	346	1.55
2	373	1.67
3	389	1.74
4	373	1.67
5	425	1.90
6		0.00
7		0.00
8		0.00
9		0.00
10		0.00
11		0.00
12		0.00
13		0.00
14		0.00
15		0.00
16		0.00
17		0.00
18		0.00
19		0.00
20		0.00

Average	381.2	1.71
Std Dev	29.0	0.13
COV	8%	8%

Additional Test Results (see C4.5)

Test Number	Result (lbf)	Result (kN)
21		0.00
22		0.00
23		0.00
24		0.00
25		0.00
26		0.00
27		0.00
28		0.00
29		0.00
30		0.00
31		0.00
32		0.00
33		0.00
34		0.00
35		0.00
36		0.00
37		0.00
38		0.00
39		0.00
40		0.00

Average	#DIV/0!	#DIV/0!
Std Dev	#DIV/0!	#DIV/0!
COV	#DIV/0!	#DIV/0!

Deviation from standard procedure authorized by:	Click here to enter person.
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Reason for deviation (Comments):

Click here to enter reason for deviation / comments.
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C4.5 (excerpt from ANSI/SPRI FX-1, 2016):

On certain projects, it may be necessary to perform additional pullout tests beyond the minimum number required in Section 4.5. This includes, but is not limited to, occasions when:

- Pullout tests that result in a coefficient of variation (COV) that exceeds 20%;
- Tests that are performed in decks that are inherently less consistent such as lightweight insulating concrete, cementitious wood fiber and gypsum;
- There exists multiple damaged or questionable areas;
- Water or other chemicals may have infiltrated the roof systems;
- Local building codes require additional tests; and/or
- Roofs with high wind loading should have pulls taken in all corners

Record the test results and the reasons for the additional tests in the comment section (above) on Form B (this form).

If there are anomalies in pull values, deck at the point of the anomaly should be inspected to determine cause. An anomaly is defined as one or more pullout values that fall exceedingly high or low from the population.

Roof plan not to scale. Identify where the pullouts were performed with corresponding test number.

Existing roof makeup: Modified Bitumen over lightweight concrete over metal deck



Comments: [Click here to enter additional comments.](#)

Disclaimer: Manufacturing installation requirements shall be followed when using any of the tested fasteners. Neither the technician performing the pullout tests nor his/her company is responsible for the waterproofing integrity of the repairs. This test report does not certify the structural integrity of the roof deck.



SFS Group USA, Inc., Division Construction
P.O. Box 6326
Wyomissing, PA 19610

Original**Invoice 227324379**

Date of doc. 10/10/2019

Seaman Corp
1000 Venture Blvd.
Wooster, OH 44691
USA

Our Contact Jim Runkel
T +1 610 790 2620
F +1 610 376 8551
e-mail james.runkel@sfs.biz
Customer number 227997
Payment terms 30 days net

due date for net 11/9/2019

Sold-to-party
Seaman Corp
1000 Venture Blvd.
Wooster, OH 44691
USA

Not an Invoice

Delivering Plant:
SFS Group USA, Inc.
Wyomissing Plant
1045 Spring Street
Wyomissing, PA 19610
USA

Pos	Our material no. Description	Ordered QU Quantity	Unit U of Measure	Price in / PU USD	Amount in USD	Subtotal in USD
0010	Pulltest Report	1.00	EA	50.00	50.00	50.00
0020	Pulltest Labor	1.50	HRS	75.00	112.50	162.50
0030	Travel Time	3.00	HRS	75.00	225.00	387.50
0040	Travel Expense	1.00	EA	0.00	0.00	387.50

Total \$387.50
Credit (\$387.50)

Total due this Invoice \$0.00