

Job ref:	2811	Test Sample:			N	lew Design						
	Test Details		Observations Prior To Testing									
Design weight:	25.00	kg	Final load is to	be held for 5 mi	nutes to allow	the material tir	ne to settle.					
No. increments:	10											
Date:	19/08/2022		No defects observed prior to testing. Displacement in the direction of load application positive.									
Technician:	TT	TT Measurement devices located as below:										
			POT1 End span									
Base Material:	Masonry											
Fixing Type:	FRIULSIDER X1 EVO											
	PERFORMANCE NYLON PLUGS 10 X 70MM		Observations During & After Testing									
			No visual sign of the fixings pulling out and the test piece achieved a high percentage of recovery.									
			No further defe	ects observed du	ring testing.							
					0 0							
İ												
	Load Values				Dis	placement (mm	1)					
	Mass/Fixing (kg)	Time	POT1									
	0.00	10:29:00	0.00									
	0.50	10:30:00	0.01									
	5.50	10:32:00	1.19									
	5.50	10:37:00	1.26									
	10.50	10:37:00	2.69									
	10.50	10:42:00	2.74									
	15.50	10:47:00	4.14									
	15.50	10:52:00	4.15									
	20.50	10:57:00	5.64									
	20.50 21.50	11:02:00 11:07:00	5.79									
	21.50	11:07:00	6.24									
	22.50	11:17:00	6.50									
	22.50	11:22:00	6.53									
	23.50	11:27:00	6.79									
	24.50	11:32:00	6.91									
	24.50	11:37:00	6.92									
	25.00	11:42:00	7.19	#	N/A #N	/A #N/A	#N/A	#N/A	#N/A			
	25.00	11:47:00	7.31									
	0.00	12:00:00	0.93									
ľ	Max displacement (n	ım)	7.31									
	Recovery (%)		87.3%									
			Lood / Die	-lace	wa mb							
30.0 7			Load / Dis	placement G	rapn							
									POT1			
25.0 -									1011			
20.0												
(ky) 15.0 -												
Los												
10.0 -												
10.0												
F.0												
5.0 -												
0.0	1.0	2.0 3.0	4.0	5.0	6.0	7.0	8.0	9.0				
0.0	1.0		Displacemer		0.0	1.0	5.0	5.0				



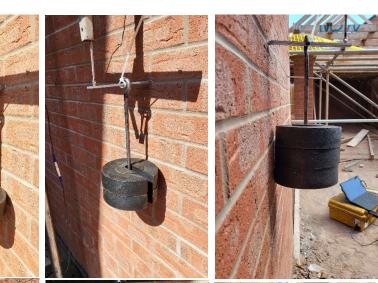
### New Design

#### **Additional Information**



















Job ref:	2811	Test Sample:				Old	Design			
	Test Details		Observations Prior To Testing							
Design weight:	25.00		Final load is	to be held for	5 minutes to	allow the i	material time	to settle.		
No. increments:										
Date:	19/08/2022 No defects observed prior to testing. Displacement in the direction of load application positive.								itive.	
Technician:	TT Measurement devices located as below:									
			POT1 End span							
Base Material:	Masonry									
iving Tuno.	Screwed straight into the masonary									
Fixing Type:			Observations During & After Testing  No visual sign of the fixings pulling out and the test piece achieved a high percentage of recovery.							
		No further defects observed during testing.								
	Load Values	T				Displace	ement (mm)		1	1
	Mass/Fixing (kg)	Time	POT1							
	0.00	12:15:00	0.00							
	0.50 5.50	12:20:00 12:25:00	0.13 1.23							
	5.50	12:30:00	1.23							
	10.50	12:35:00	2.69							
	10.50	12:40:00	2.69							
	15.50	12:45:00	3.81							
	15.50	12:50:00	3.81							
	20.50	12:55:00	4.95							
	20.50	13:00:00	4.96							
	21.50	13:05:00	5.12							
	21.50	13:10:00	5.12							
	22.50	13:15:00	5.32							
	22.50	13:20:00	5.33							
	23.50	13:25:00	5.69							
	24.50 24.50	13:30:00 13:35:00	5.69 5.90							
	25.00	13:40:00	5.91		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	25.00	13:45:00	5.92		7711/74	7714/74	mry A	1111/74	mrv/ / x	mry A
	0.00	13:50:00	0.35							
1	Max displacement (n		5.92							
	Recovery (%)		94.1%							
30.0 7			Load / D	isplaceme	nt Graph					
00.0										
25.0 -										
20.0										
20.0 -										
<b>2</b> 15.0										0.74
(kN) p 15.0 -									——Р	OT1
10.0 -										
E 0										
5.0 -										
0.0	1.0	2.0	3.0	4.0		5.0	6.0	7	.0	
0.0										



### Old Design

#### **Additional Information**















