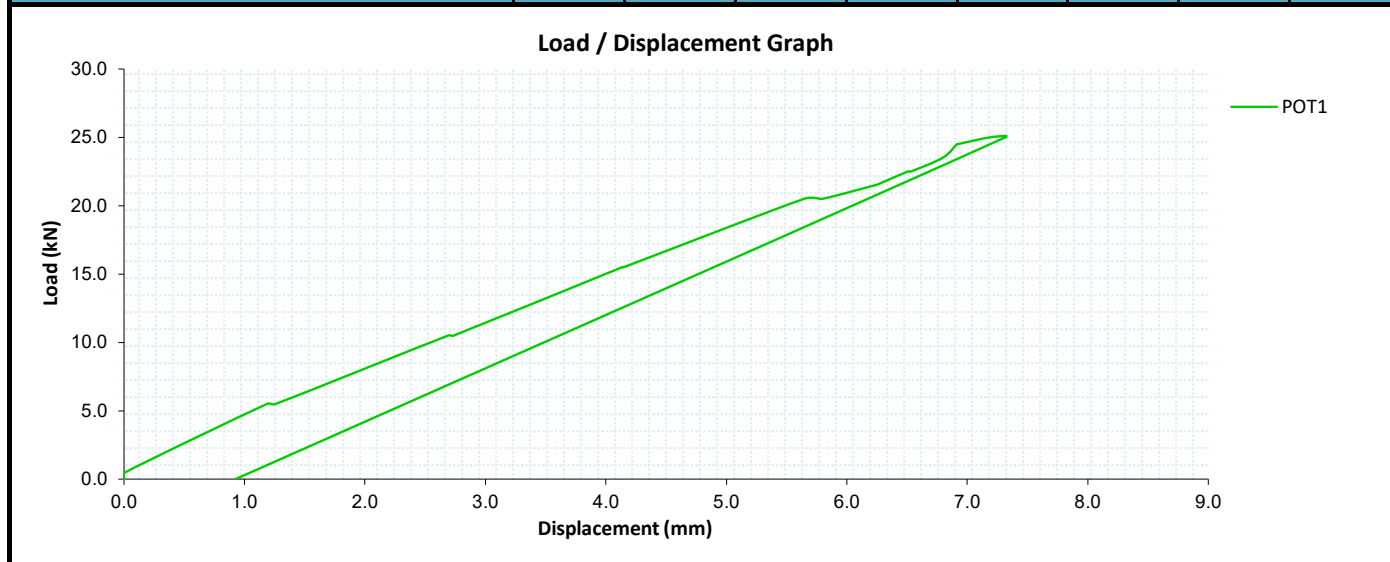


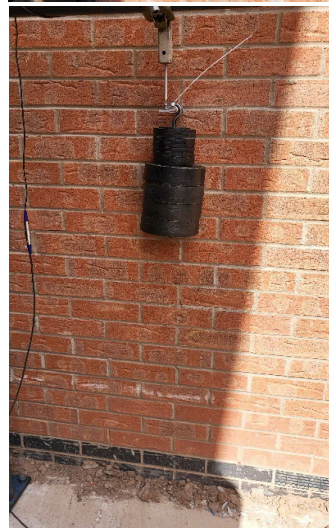
<b>Job ref:</b>	<b>2811</b>	<b>Test Sample:</b>	<b>New Design</b>
<b>Test Details</b>		<b>Observations Prior To Testing</b>	
Design weight:	25.00 kg	Final load is to be held for 5 minutes to allow the material time to settle.	
No. increments:	10	No defects observed prior to testing. Displacement in the direction of load application positive.	
Date:	19/08/2022	Measurement devices located as below:	
Technician:	TT	POT1	End span
Base Material:	Masonry		
Fixing Type:	FRIULSIDER X1 EVO X1 EVO HIGH-PERFORMANCE NYLON PLUGS 10 X 70MM	<b>Observations During &amp; After Testing</b>	
		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			Displacement (mm)						
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	11:02:00	5.79							
21.50	11:07:00	6.24							
21.50	11:12:00	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							
<b>Max displacement (mm)</b>		<b>7.31</b>							
<b>Recovery (%)</b>		<b>87.3%</b>							



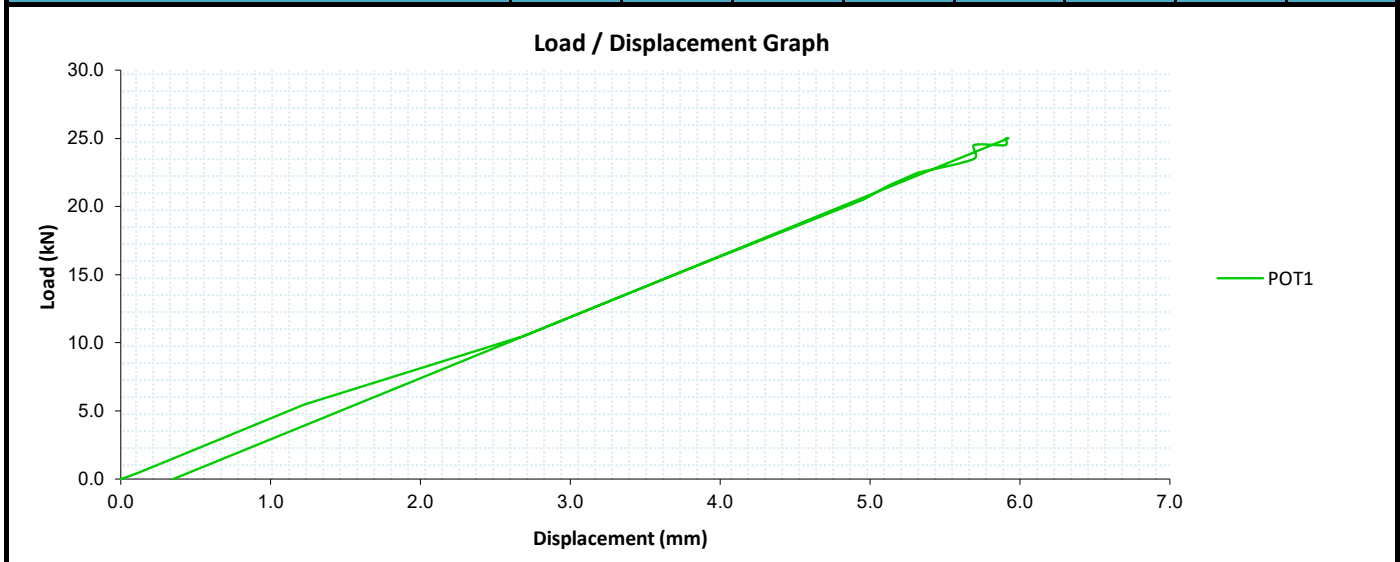
New Design

Additional Information



<b>Job ref:</b>	<b>2811</b>	<b>Test Sample:</b>	<b>Old Design</b>
<b>Test Details</b>		<b>Observations Prior To Testing</b>	
Design weight:	25.00 kg	Final load is to be held for 5 minutes to allow the material time to settle.	
No. increments:	10	No defects observed prior to testing. Displacement in the direction of load application positive.	
Date:	19/08/2022	Measurement devices located as below:	
Technician:	TT	POT1	End span
Base Material:	Masonry		
Fixing Type:	Screwed straight into the masonry		
		<b>Observations During &amp; After Testing</b>	
		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			Displacement (mm)						
	Mass/Fixing (kg)	Time	POT1						
	0.00	12:15:00	0.00						
	0.50	12:20:00	0.13						
	5.50	12:25:00	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	13:30:00	5.69						
	24.50	13:35:00	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						
	0.00	13:50:00	0.35						
<b>Max displacement (mm)</b>			<b>5.92</b>						
<b>Recovery (%)</b>			<b>94.1%</b>						



Old Design

Additional Information

