

Heavy Duty Vertical Steel Post / Vertical Deber Pesado Acero Parales

Ultimate Compressive Load				
Test Description	Test Result			
No.1, 5'6"-10' - 25mm (1in.) extension - (1.70m / 5'7")	28,358 lbf	12,863 kgs	126.1 kN	
No.1, 5'6"-10' - one third (18in.) extension - (2.13m / 7')	27,467 lbf	12,459 kgs	122.2 kN	
No.1, 5'6"-10' - two thirds (36in.) extension - (2.59m / 8'6")	29,660 lbf	13,454 kgs	131.9 kN	
No.1, 5'6"-10' - full (54in.) extension - (3.05m / 10')	27,261 lbf	12,366 kgs	121.3 kN	

Note: No safety factor has been applied to the loads above.



Ultimate Compressive Load				
Test Description	Test Result			
No.2, 6'6"-11' - 25mm (1in.) extension - (2.00m / 6'7")	31,511 lbf	14,293 kgs	140.2 kN	
No.2, 6'6"-11' - one third (18in.) extension - (2.44m / 8')	28,152 lbf	12,770 kgs	125.2 kN	
No.2, 6'6"-11' - two thirds (36in.) extension - (2.90m / 9'6")	29,797 lbf	13,516 kgs	132.5 kN	
No.2, 6'6"-11' - full (54in.) extension - (3.35m / 11')	23,697 lbf	10,749 kgs	105.4 kN	

Note: No safety factor has been applied to the loads above.

Nota: No existe un factor de seguridad se ha aplicado a las cargas anteriores.

Report NUMBER: 101166189COQ-001

Original Issue Date: May 15, 2013

Specimen Size / Tamaño de pieza : No.4, 10'6"-15'6" (3.2m~4.72m)

Outside Pipe Dia. / Diametro exterior del tubo : Φ76mm x 3mm

Inner Pipe Dia. / Diametro de la tubería en el interior : Φ63mm x 3.5mm

Ultimate Compressive Load				
Test Description	Test Result			
No.4, 10'6"-15'6" - 25mm (1in.) extension - (3.20m / 10'7")	39,550 lbf	17,940 kgs	176 kN	
No.4, 10'6"-15'6" - one third (20in.) extension - (3.71m / 12'2")	35,230 lbf	15,980 kgs	157 kN	
No.4, 10'6"-15'6" - two thirds (40in.) extension - (4.22m / 13'10")	32,116 lbf	14,568 kgs	143 kN	
No.4, 10'6"-15'6" - full (60in.) extension - (4.72m / 15'6")	23,605 lbf	10,707 kgs	105 kN	



Note: No safety factor has been applied to the loads above.

Nota: No existe un factor de seguridad se ha aplicado a las cargas anteriores.

ANSI / ASSE A10.8-2001	CAN / CSA-269.2-M87
American National Standard, Scaffolding Safety Requirements, dated 2001	Access Scaffolding for Construction Purposes (Reaffirmed 2003), Section 11.3.4

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