

Standard Vertical Steel Post / Vertical Estandar Acero Parales

Report NUMBER: 100749910COQ-002C

Original Issue Date: May 31, 2013

Specimen Size / **Tamano de pieza** : No.1, 5'6"-10' (1.68m~3.05m)

Outside Pipe Dia. / **Diametro exterior del tubo** : $\Phi 60.22\text{mm} \times 3\text{mm}$

Inner Pipe Dia. / **Diametro de la tubería en el interior** : $\Phi 48.2\text{mm} \times 4.5\text{mm}$



| Ultimate Compressive Load | | | | |
|--|-------------|------------|----------|--|
| Test Description | Test Result | | | |
| No.1, 5'6"-10' - 25mm (1in.) extension - (1.70m / 5'7") | 42,325 lbf | 19,198 kgs | 188.3 kN | |
| No.1, 5'6"-10' - one third (18in.) extension - (2.13m / 7') | 28,838 lbf | 13,080 kgs | 128.3 kN | |
| No.1, 5'6"-10' - two thirds (36in.) extension - (2.59m / 8'6") | 27,125 lbf | 12,304 kgs | 120.7 kN | |
| No.1, 5'6"-10' - full (54in.) extension - (3.05m / 10') | 19,275 lbf | 8,743 kgs | 85.7 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: 100830349COQ-001B

Original Issue Date: January 14, 2013

Specimen Size / **Tamano de pieza** : No.2, 6'6"-11' (1.98m~3.35m)

Outside Pipe Dia. / **Diametro exterior del tubo** : $\Phi 59.43\text{mm} \times 3\text{mm}$

Inner Pipe Dia. / **Diametro de la tubería en el interior** : $\Phi 47.71\text{mm} \times 4.5\text{mm}$



| Ultimate Compressive Load | | | | |
|--|-------------|------------|--------|--|
| Test Description | Test Result | | | |
| No.2, 6'6"-11' - 25mm (1in.) extension - (2.00m / 6'7") | 35,538 lbf | 16,120 kgs | 158 kN | |
| No.2, 6'6"-11' - one third (18in.) extension - (2.44m / 8') | 29,298 lbf | 13,289 kgs | 130 kN | |
| No.2, 6'6"-11' - two thirds (36in.) extension - (2.90m / 9'6") | 21,024 lbf | 9,536 kgs | 94 kN | |
| No.2, 6'6"-11' - full (54in.) extension - (3.35m / 11') | 17,200 lbf | 7,802 kgs | 77 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 |
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| American National Standard, Scaffolding Safety Requirements, dated 2001 | Access Scaffolding for Construction Purposes (Reaffirmed 2003), Section 11.3.4 |

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