



Certificate of Compliance

This certificate is issued for the following:

STEEL SPRINKLER PIPE ASSEMBLIES

Sizes: DN32, DN40, DN50, DN65, DN80
DN100, DN150 and DN200
(Sizes shown in detail on attached page)

Prepared for: Prefabricados Tecnicos de Tuberia S.L.
c. Roble, 114, Poligono Industrial Nicomedes Garcia,
40140 Valverde del Majano,
Segovia, Spain

FM Approvals Class: 1920

Approval Identification: 3036378 Approval Granted: 6th August 2010

Said Approval is subject to satisfactory field performance, continuing follow-up Facilities and Procedures Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

For more than 160 years FM Approvals has partnered with business and industry to reduce property losses.



Member of the FM Global Group

A handwritten signature in black ink, appearing to read 'Richard B. Dunne'.

Richard B. Dunne
Manager - Hydraulics
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

August 6, 2010



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Nominal Run Pipe Size, DN	Outlet Connection	Nominal Outlet Size, DN	Rated Working Pressure, bar (psi)	Remarks
32	Threaded, NPT	15, 20	16 (232)	a, b, c
32	Threaded, BSP	25	16 (232)	a, b, c
40	Threaded, NPT	15, 20	16 (232)	a, b, c
40	Threaded, BSP	25	16 (232)	a, b, c
50	Threaded, NPT	15, 20	16 (232)	a, b, c
50	Threaded, BSP	25	16 (232)	a, b, c
50	Grooved	32	16 (232)	a, b, c
65	Threaded, NPT	15, 20	16 (232)	a, b, c
65	Threaded, BSP	25	16 (232)	a, b, c
65	Grooved	32	16 (232)	a, b, c
80	Threaded, BSP	25	16 (232)	a, b, c
80	Grooved	32, 40	16 (232)	a, b, c
100	Grooved	40, 50, 65	16 (232)	a, b, c
150	Grooved	50, 65, 80	16 (232)	a, b, c
200	Grooved	65, 80	16 (232)	a, c

Remarks

- a. Manufactured from ERW Longitudinal Welded Tube to EN10217-1
- b. Manufactured from non-alloy Steel Tubes suitable for welding and threading to EN10255
- c. Manufactured from Seamless Tube to EN10216-1



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