



Loss Prevention Certification Board

Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX, UK
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EC-CERTIFICATE OF CONFORMITY



0832 - CPD - 2008

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

**Model TY-B and TY-FRB Sprinklers
for use in automatic sprinkler installations**
(For conditions of use for the product see the attached appendix)

Placed on the Market by:

Tyco Fire and Building Products.
8902 North Interstate 27, Dock 2, Lubbock,
Texas 79403, USA

Manufactured By:

Tyco Fire and Building Products.
8902 North Interstate 27, Dock 2, Lubbock,
Texas 79403, USA

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body LPCB (a part of *BRE Certification Limited.*)

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard

EN12259-1:1999 +A1 including amendment A1:2001

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 23 June 2005 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.

Signed:

Philip Field
Technical Director

On behalf of the LPCB

Date of issue: 23 June 2005
Issue number: 1

LPCB is part of BRE Certification Ltd., Garston, Watford WD25 9XX. Tel 01923 664100 Fax 01923 664603 www.lpcb.com

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions and is maintained and held in force through regular Factory Production Control audits.

To check the authenticity of this certificate, please visit our website or contact us.



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Appendix to EC Certificate of conformity 0832-CPD-2008

Conditions of Use

The sprinklers covered by this Certificate of Conformity placed on the market by Tyco Fire and Building Products are identified below and must be installed in accordance with the manufacturers installation instructions:

Sprinkler Identification Number	Model	Size	Orientation	Nominal operating temperature (°C)	Finish	Response class	K-factor (l.min ⁻¹ .bar ^{-1/2})
TY2208	TY-B	10	SP	57, 68, 79, 93, 141, 182	Plain, Chrome, Coloured	Standard	58.0
TY2108	TY-B	10	SU	57, 68, 79, 93, 141, 182	Plain, Chrome, Coloured	Standard	58.0
TY3251	TY-B	15	SP	57, 68, 79, 93, 141, 182, 260	Plain, Chrome, Coloured	Standard	80.7
TY3151	TY-B	15	SU	57, 68, 79, 93, 141, 182, 260	Plain, Chrome, Coloured	Standard	80.7
TY3651	TY-B	15	CU/P	57, 68, 79, 93, 141, 182	Plain, Chrome, Coloured	Standard	80.7
TY3451	TY-B	15	WU/P	57, 68, 79, 93, 141, 182	Plain, Chrome, Coloured	Standard	80.7
TY3351	TY-B	15	WH	57, 68, 79, 93, 141, 182	Plain, Chrome, Coloured	Standard	80.7
TY4251	TY-B	20	SP	57, 68, 79, 93, 141, 182, 260	Plain, Chrome, Coloured	Standard	116.0
TY4151	TY-B	20	SU	57, 68, 79, 93, 141, 182, 260	Plain, Chrome, Coloured	Standard	116.0
TY4651	TY-B	20	CU/P	57, 68, 79, 93, 141, 182	Plain, Chrome, Coloured	Standard	116.0
TY3631	TY-FRB	15	CU/P	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	80.7
TY3131	TY-FRB	15	SU	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	80.7
TY3231	TY-FRB	15	SP	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	80.7
TY3431	TY-FRB	15	WU/P	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	80.7
TY3331	TY-FRB	15	WH	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	80.7
TY4631	TY-FRB	20	CU/P	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	116.0
TY4131	TY-FRB	20	SU	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	116.0
TY4231	TY-FRB	20	SP	57, 68, 79, 93, 141	Plain, Chrome, Coloured	Quick	116.0

Signed:

On behalf of the LPCB

Philip Field
Technical Director

Date of issue: 23 June 2005
Issue number: 1