TESTING & CERTIFICATION

CERTIFIED APPROVALS

FENIX automatic sprinklers are supported by internationally recognized certification documentation for automatic sprinklers used in fire protection service.

The certificates below are issued to 2M Plast, the manufacturing facility behind FENIX. Product communication remains under the FENIX brand, while certification documents may reference the legal manufacturing entity.

CERTIFICATION SUMMARY

FM Approvals
Certificate 01

Equipment	Automatic Sprinklers
Approval ID	PR475105
Approval Granted	22 Dec 2025
Models	FE0001 – FE0006

✓ **FM Approved**

UL SOLUTIONS
Certificate 02

Certificate No.	EX29838
Report reference	EX29838-20260217
Issue date	17 Feb 2026
Standard	ANSI/CAN/UL/ULC 199

✓ **UL Compliance Certificate**

FM APPROVALS CERTIFICATE

FM Approvals

Certificate of Compliance

This certificate is issued for the following equipment:

Automatic Sprinklers for Fire Protection

Model	K	Type	Resp.	Element	NPT (in.)	Finishes	Temperature Ratings °F (°C)
FE0001	K5.6	Pendent	SR	5 mm	1/2	Brass, Chrome, Painted	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
FE0002	K5.6	Pendent	QR	3 mm	1/2	Brass, Chrome, Painted	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
FE0003	K5.6	Upright	SR	5 mm	1/2	Brass, Chrome Polyester	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
FE0004	K5.6	Upright	QR	3 mm	1/2	Brass, Chrome, Polyester	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
FE0005	K5.6	Horizontal Sidewall	SR	5 mm	1/2	Brass, Chrome, Polyester	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)
FE0006	K5.6	Horizontal Sidewall	QR	3 mm	1/2	Brass, Chrome, Polyester	135, 155, 175, 200, 286 (57, 68, 79, 93, 141)

Prepared for: Two M Plast
8 Misr Construction Buildings, Sheraton, Cairo, Egypt

FM Approvals Class: 2012, 2016, 2017
FM Approval Standard: Class Number 2000 (November 2024)

Approval Identification: PR475105 Approval Granted: December 22, 2025

To verify the availability of the Approved product, please refer to www.approvalguide.com

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

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062 USA

FM APPROVED

FENIX FOR FIRE SPRINKLERS

UL SOLUTIONS CERTIFICATE



Certificate of Compliance

Certificate Number:
EX29838

Report Reference:
EX29838-20260217

Issue Date:
2026-FEBRUARY-17

Issued to:

TWO M PLAST
8 Misr Construction buildings
Sheraton Cairo
Egypt

This certificate confirms that representative samples of:

SPRINKLERS, AUTOMATIC AND OPEN (VNIV)

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

ANSI/CAN/UL/ULC 199 - Automatic Sprinklers for Fire Protection Service

Additional Information:
See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

UL Solutions

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

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UL Solutions | Product iQ®

Sprinklers, Automatic and Open

COMPANY **EX29838**
TWO M PLAST
8 Misr Construction buildings
Sheraton
Cairo, Egypt

Trademark and/or Tradename: "FENIX"
Note: For additional marking information, refer to the Guide Information Page

View model for additional information

Glass Bulb Type, SIN(s): FE0001, FE0002, FE0003, FE0004, FE0005, FE0006, FE0007, FE0008, FE0009, FE0010

Last Updated on 2026-02-17

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

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UL Product Designations · Page 2

Full signed and stamped certificates are included for reference. Final customer-facing packs can show the full certificates or a reduced certification summary, depending on the sales context.

STANDARD RESPONSE SPRINKLERS (1/2 INCH)



A compact, thermally sensitive glass-bulb spray sprinkler available in multiple finishes and a wide range of temperature ratings to suit virtually any design. The chrome-plated version offers a clean, decorative appearance for exposed and architectural applications, while its durable construction withstands demanding environments — reducing replacement frequency and lowering long-term cost of ownership.

MULTIPLE FINISHES

Clean, decorative appearance for any environment.

WIDE TEMPERATURE RANGE

Designed for a variety of applications and tandards.

DURABLE CONSTRUCTION

Brass construction ensures long-term performance.

TECHNICAL DATA

common to all Standard Response heads

Minimum operating pressure	7 psi
Maximum working pressure	175 psi
Factory hydrostatic test	500 psi
Thread size	½" NPT (15 mm)
Nominal K-factor	5.6 (US)
Overall length	2-¼"

NB

NFPA 13 installations require a minimum of 7 psi, LPCB requires a minimum of 5 psi.

MATERIAL STANDARDS

Frame casting	Brass
Deflector	SS304 / Brass
Glass bulb	Nominal 5 mm dia., UL-Listed
Load screw	Brass
Pip cap & insert assembly	Brass



FE0001

PENDENT

1/2 INCH Standard Response



Installs facing downward from the branch line, the most common configuration for finished ceilings (paired with an escutcheon).

FE0003

UPRIGHT

1/2 INCH Standard Response



Installs facing upward, sitting above the branch line. Ideal for exposed-pipe areas, mechanical rooms, and warehouses.

FE0005

SIDEWALL

1/2 INCH Standard Response



Mounts on a wall and projects spray horizontally. Used where overhead piping is impractical (corridors, small rooms).

QUICK RESPONSE SPRINKLERS (1/2 INCH)



Shares the compact, durable design of our standard range but uses a smaller 3 mm glass bulb for faster thermal activation.
This makes it ideal for light-hazard occupancies — offices, hotels, residential, and healthcare spaces — where rapid response improves life safety. Available in multiple finishes and temperature ratings to match the project's design criteria .

FAST THERMAL RESPONSE
3 mm glass bulb for faster thermal activation

LIGHT-HAZARD APPLICATIONS
Suitable for offices, hotels, residential and healthcare spaces

MULTIPLE FINISHES
Available to suit exposed and architectural installations

TECHNICAL DATA

common to all Standard Response heads

Minimum operating pressure	7 psi
Maximum working pressure	175 psi
Factory hydrostatic test	500 psi
Thread size	½" NPT (15 mm)
Nominal K-factor	5.6 (US)
Overall length	2-¼"

NB
NFPA 13 installations require a minimum of 7 psi, LPCB requires a minimum of 5 psi.

MATERIAL STANDARDS

Frame casting	Brass
Deflector	SS304 / Brass
Glass bulb	Nominal 3 mm dia., UL-Listed
Load screw	Brass
Pip cap & insert assembly	Brass

FENIX FOR FIRE SPRINKLERS