



SLOVENSKI STANDARD

SIST EN 14972-2:2026

01-oktober-2026

Vgrajeni gasilni sistemi - Sistemi s pršečo vodo - 2. del: Protokol preskušanja sistemov s samodejnimi šobami za nakupovalne prostore

Fixed firefighting systems - Water mist systems - Part 2: Test protocol for shopping areas for automatic nozzle systems

Ortsfeste Brandbekämpfungsanlagen - Wassernebelsysteme - Teil 2: Prüfprotokoll für Einkaufsbereiche für automatische Düsensysteme

Installations fixes de lutte contre l'incendie - Systèmes à brouillard d'eau - Partie 2 : Protocole d'essai des systèmes à buses automatiques pour zones commerciales

Ta slovenski standard je istoveten z: **EN 14972-2:2026**

ICS:

13.220.10	Gašenje požara	Fire-fighting
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SIST EN 14972-2:2026

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14972-2

July 2026

ICS 13.220.20

English Version

Fixed firefighting systems - Water mist systems - Part 2:
Test protocol for shopping areas for automatic nozzle
systems

Installations fixes de lutte contre l'incendie - Systèmes
à brouillard d'eau - Partie 2 : Protocole d'essai des
systèmes à buses automatiques pour zones
commerciales

Ortsfeste Brandbekämpfungsanlagen -
Wassernebelsysteme - Teil 2: Prüfprotokoll für
Einkaufsbereiche für automatische Düsensysteme

This European Standard was approved by CEN on 15 June 2026.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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Ref. No. EN 14972-2:2026 E

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European foreword

This document (EN 14972-2:2026) has been prepared by Technical Committee CEN/TC 191 “Fixed firefighting systems”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2027, and conflicting national standards shall be withdrawn at the latest by January 2027.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

EN 14972, *Fixed firefighting systems — Water mist systems*, consists of the following parts:

- *Part 1: Design, installation, inspection and maintenance;*
- *Part 2: Test protocol for shopping areas for automatic nozzle systems;*
- *Part 3: Test protocol for office, school class rooms and hotel for automatic nozzle systems;*
- *Part 4: Test protocol for non-storage occupancies for automatic nozzle systems;*
- *Part 5: Test protocol for car garages for automatic nozzle systems;*
- *Part 6: Test protocol for false floors and false ceilings for automatic nozzle systems;*
- *Part 7: Test protocol for commercial low hazard occupancies for automatic nozzle systems;*
- *Part 8: Test protocol for machinery in enclosures exceeding 260 m³ for open nozzle systems;*
- *Part 9: Test protocol for machinery in enclosures not exceeding 260 m³ for open nozzle systems;*
- *Part 10: Test protocol for atrium protection with sidewall nozzles for open nozzle systems;*
- *Part 11: Test protocol for cable tunnels for open nozzle systems;*
- *Part 12: Test protocol for commercial deep fat cooking fryers for manually activated open nozzle systems;*
- *Part 13: Test protocol for wet benches and other similar processing equipment for open nozzle systems;*
- *Part 14: Test protocol for combustion turbines in enclosures exceeding 260 m³ for open nozzle systems;*
- *Part 15: Test protocol for combustion turbines in enclosures not exceeding 260 m³ for open nozzle systems;*
- *Part 16: Test protocol for industrial oil cookers for open nozzle systems.*
- *Part 17: Test protocol for residential occupancies for automatic nozzle systems.*

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

EN 14972-2:2026 (E)

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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1 Scope

This document specifies the evaluation of the fire performance of water mist systems for shopping areas, adjacent storage areas. This document is only applicable for horizontal, solid, flat ceilings with heights of 2,6 m and above.

This document does not cover storage with movable shelves or shelves.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12259-1, *Fixed firefighting systems — Components for sprinkler and water spray systems — Part 1: Sprinklers*

EN 13698-1, *Pallet production specification - Part 1: Construction specification for 800 mm x 1200 mm flat wooden pallets*

EN 14972-1:2020+A1:2025, *Fixed firefighting systems — Water mist systems — Part 1: Design, installation, inspection and maintenance*

EN ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 14972-1 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 General requirements

4.1 General

The following areas are considered to be covered by the fuel package described in this document:

- sales areas;
- storage areas adjacent to sales areas;
- archives;
- libraries;
- technical areas;
- similar.