



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

EFFECTİS ERA AVRASYA TEST VE BELGELENDİRME ANONİM ŞİRKETİ

Central Address: DİLOVASIOSB MAH. FIRAT CAD. EFFECTİS No:18/ DİLOVASI/KOCAELİ Kocaeli / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0556-T

Accreditation Date : 14.12.2012

Revision Date / Number : 28.02.2025 / 12


This certificate shall remain in force until **11.04.2029**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General



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 Türk TS EN ISO/IEC 17025 AB-0556-T	EFFECTİS ERA AVRASYA TEST VE BELGELENDİRME ANONİM ŞİRKETİ	
	Accreditation Nr: AB-0556-T Revision Nr: 12 Date: 28.02.2025	
	Testing Laboratory	
Address : DİLOVASIÖSB MAH. FIRAT CAD. EFFECTİS No:18/ DİLOVASI/KOCAELİ Kocaeli / Türkiye		Phone : +90 262 658 1662 Fax : Email : turkiye@effectis.com Website : www.effectis.com

Chemicals and Chemical Products		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Fire extinguishing media - Foam concentrates	Determination of Density	ASTM D7777-13
Fire extinguishing media - Foam concentrates	Determination of Kinematic Viscosity (Newtonian foam)	EN 1568-1 (Clause-6.1) EN 1568-2 (Clause-6.1) EN 1568-3 (Clause-6.1) EN 1568-4 (Clause-6.1) EN ISO 3104 MSC.1/Circ.1312 (Clause- 3.4)
Fire extinguishing media - Foam concentrates	Determination of Dynamic Viscosity (Pseudo-plastic foam)	EN 1568-1 (Clause-6.2, Annex-D) EN 1568-2 (Clause-6.2, Annex-D) EN 1568-3 (Clause-6.2, Annex-D) EN 1568-4 (Clause-6.2, Annex-D) EN ISO 3219-2
Fire extinguishing media - Foam concentrates	Determination of Surface Tension	EN 1568-1 (Clause- 8, Annex-F) EN 1568-2 (Clause- 8, Annex-F) EN 1568-3 (Clause- 8, Annex-F) EN 1568-4 (Clause- 8, Annex-F) ISO 304
Fire extinguishing media - Foam concentrates	Evaluation of Film Formation	EN 1568-3 (Clause- 12, Annex-L)
Fire extinguishing media - Foam concentrates	Alcohol Tolerance Test	MSC.1/Circ.1312
Fire extinguishing media - Foam concentrates	Stability/separation test	EN 1568-1 (Clause- 9,Annex-K) EN 1568-2 (Clause- 9,Annex-J) EN 1568-3 (Clause- 9,Annex-M) EN 1568-4 (Clause- 9,Annex-L)
Fire Extinguishing Foam Concentrate (FOAM)	Determination of Precipitate in Foam Concentrate	TS EN 1568-1 (Clause-4 Annex-C) TS EN 1568-2 (Clause-4 Annex-C) TS EN 1568-3 (Clause-4 Annex-C) TS EN 1568-4 (Clause-4 Annex-C) MSC.1/Circ.1312/3.3
Fire Extinguishing Foam Concentrate (FOAM)	pH Value	TS EN 1568-1 (Clause-7) TS EN 1568-2 (Clause-7) TS EN 1568-3 (Clause-7) TS EN 1568-4 (Clause-7) TS ISO 4316, NFPA 11 MSC.1/Circ.1312/3.5
Fire Extinguishing Foam Concentrate (FOAM)	Determination of Expansion and Drainage Time	TS EN 1568-1 (Clause-10 Annex-G) TS EN 1568-2 (Clause-10 Annex-G) TS EN 1568-3 (Clause-10 Annex-G) TS EN 1568-4 (Clause-10 Annex-G) MSC.1/Circ.1312 ,3.7, 3.8
Fire Extinguishing Foam Concentrate (FOAM)	Foam Concentrates Test Small Scale Test	EN 1568-3 (Annex-I) EN 1568-4 (Annex-I)
Fire Extinguishing Foam Concentrate (FOAM)	Chemical stability test	MSC.1/Circ.1312 (Article 4.7)



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 <p>Test TS EN ISO/IEC 17025 AB-0556-T</p>	<p align="center">EFFECTİS ERA AVRASYA TEST VE BELGELENDİRME ANONİM ŞİRKETİ</p> <p align="center">Accreditation Nr: AB-0556-T Revision Nr: 12 Date: 28.02.2025</p> <p>Testing Laboratory</p> <p>Address : DİLOVASIÖSB MAH. FIRAT CAD. EFFECTİS No:18/ DİLOVASI/KOCAELİ Kocaeli / Türkiye</p> <p>Phone : +90 262 658 1662 Fax : - Email : turkiye@effectis.com Website : www.effectis.com</p>	
Fire Extinguishing Foam Concentrate (FOAM)	Determination of Density (Specific gravity)	MSC.1/Circ.1312 (Article 3.11)
Fire Extinguishing Foam Concentrate (FOAM)	Evaluation of Film Formation	MSC.1/Circ.1312 (Article 3.6)
Fire Fighting Foam Concentrates (FOAM)	Alcohol Tolerance Test	MSC.1/Circ.1312 (Article 3.14) EN 1568-4 (Annex-I)
Fire extinguishing media - Foam concentrates	Proportioning System Testing	NFPA 11 Annex D.2.1.1 NFPA 11 Annex D.2.1.2

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Construction Materials, Products and Buildings

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Construction Elements - Resistance to Fire	Fire resistance- Tests- Part 1: General requirements	EN 1363-1 AS 1530.4 (Part 2)
Construction Elements - Resistance to Fire	Fire resistance tests- Part 2: Alternative and additional procedures	EN 1363-2
Construction Elements - Resistance to Fire	Fire-resistance tests - Elements of building construction - Part 1: General requirements	ISO 834-1 ISO 834-1/Amd 1 ISO 834-1/Amd 2
Construction Elements - Resistance to Fire	Fire tests on building materials and structures. Method for determination of the fire resistance of elements of construction (general principles)	BS 476-20
Construction Elements - Resistance to Fire	Test Methods for Fire Tests of Building Construction and Materials	ASTM E119
Construction Elements - Resistance to Fire	Elements of building structures-Fire resistance test methods-General requirements	GOST 30247.0
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 1:Horizontal protective membranes	EN 13381-1
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 2: Vertical protective membranes	EN 13381-2
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 3: Applied protection to concrete members	EN 13381-3
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 4: Applied passive protection to steel members	EN 13381-4
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 5: Applied protection to concrete/profiled sheet steel composite member	EN 13381-5
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 7: Applied protection to timber members	EN 13381-7
Construction Elements - Resistance to Fire	Test methods for determining the contribution to the fire resistance of structural members - Part 8: Applied reactive protection to steel members	EN 13381-8
Construction Elements - Non-loadbearing - Resistance to Fire	Fire tests on building materials and structures. Methods for determination of the fire resistance of non-loadbearing elements of construction	BS 476-22 Chapter.5, Chapter.6, Chapter.7, Chapter.8, Chapter.10
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance tests for non- loadbearing elements- Part 1:Walls	EN 1364-1 AS 1530.4 (Part 3) AS 1530.4 (Part 8)
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance tests for non-loadbearing elements- Part 2: Ceilings	EN 1364-2 AS 1530.4 (Part 4)



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Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance tests for non-loadbearing elements - Part 3: Curtain walling - Full configuration	EN 1364-3
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance tests for non-loadbearing elements - Part 3: Curtain walling - Part configuration	EN 1364-4
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance tests for non-loadbearing elements - Part 5: Air transfer grilles	EN 1364-5
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 1: Fire resistance tests for doors, shutters and openable windows	EN 1634-1+A1 AS 1530.4 (Part 7)
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 2: Fire resistance characterisation test for elements of building hardware	EN 1634-2
Construction Elements - Non-loadbearing - Resistance to Fire	Fire tests on building materials and structures- Methods for measuring smoke penetration through doorsets and shutter assemblies.	BS 476-31.1
Construction Elements - Non-loadbearing - Resistance to Fire	Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 3: Smoke control test for door and shutter assemblies	EN 1634-3 EN 1634-3/AC
Construction Elements - Non-loadbearing - Resistance to Fire	Standard methods of fire tests of horizontal fire door assemblies installed in horizontal fire resistance	NFPA 288
Construction Elements - Non-loadbearing - Resistance to Fire	Safety rules for the construction and installation of lifts - Examination and tests - Part 58: Landing doors fire resistance test	EN 81-58
Construction Elements - Resistance to Fire - Classification	Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services	EN 13501-2
Construction Elements - Non-loadbearing - Resistance to Fire	Elements of building constructions-Fire doors and gates-Fire resistance test method	GOST 53307
Construction Elements - Door Assemblies - Resistance to Fire	Standard for Fire Tests of Door Assemblies	UL 10B
Construction Elements - Loadbearing - Resistance to Fire	Building constructions-Fire doors and gates-Test methods for smoke-and-gas penetration	GOST 53303
Construction Elements - Door Assemblies - Resistance to Fire	Standard for Positive Pressure Fire Tests of Door Assemblies	UL 10C
Construction Elements - Door Assemblies - Resistance to Fire	Fire Tests of Door Assemblies	NFPA 252
Construction Elements - Loadbearing - Resistance to Fire	Elements of building structures-Fire-resistance test methods-Loadbearing and separating structures	GOST 30247.1
Construction Products - Reaction to Fire	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test	EN ISO 11925-2
Construction Elements - Loadbearing - Resistance to Fire	Fire tests on building materials and structures. Methods for determination of the fire resistance of loadbearing elements of construction	BS 476-21
Construction Products - Reaction to Fire	Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item	EN 13823+A1



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Construction Elements - Loadbearing - Resistance to Fire	Fire resistance tests for loadbearing elements- Part 1: Walls	EN 1365-1 EN 1365-1/AC AS 1530.4 (Part 3) AS 1530.4 (Part 8)
Construction Products - Reaction to Fire	Reaction to fire tests for products - Non-combustibility test	EN ISO 1182 ISO 1182
Construction Elements - Loadbearing - Resistance to Fire	Fire resistance tests for loadbearing elements- Part 2: Floors and roofs	EN 1365-2 AS 1530.4 (Part 4)
Construction Products - Reaction to Fire	Reaction to fire tests for products - Determination of the gross heat of combustion	EN ISO 1716 ISO 1716
Construction Elements - Loadbearing - Resistance to Fire	Fire resistance tests for loadbearing elements - Part 3: Beams	EN 1365-3
Construction Products - Reaction to Fire	Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests (Euroclass System) excluding A2fl, Bfl, Cfl, Dfl classes floorings	EN 13501-1 EN 13501-1+A1
Construction Products - Reaction to Fire	Thermal insulating materials for building applications - Determination of organic content	EN 13820
Construction Elements - Loadbearing - Resistance to Fire	Fire resistance tests for loadbearing elements - Part 4: Columns	EN 1365-4
Construction Elements - Service Installations - Resistance to Fire	Fire Resistance Tests For Service Installations-Ducts	EN 1366-1+A1 AS 1530.4 (Part 9)
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for non-loadbearing installations- Part 2: Fire dampers	EN 1366-2 AS 1530.4 (Part 11)
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 3: Penetration seals	EN 1366-3
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 4: Linear joint seals	EN 1366-4
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 5: Service ducts and shafts	EN 1366-5
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 6: Raised access floors and hollow floors	EN 1366-6
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 8: Smoke extraction ducts	EN 1366-8
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 9: Single compartment smoke extraction ducts	EN 1366-9
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 10: Smoke control dampers	EN 1366-10
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 11: Fire protective systems for cable systems and associated components	EN 1366-11+A1
Construction Elements - Service Installations - Resistance to Fire	Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork	EN 1366-12+A1
Construction Elements - Service Installations - Resistance to Fire	Fire tests on building materials and structures-Method for determination of the fire resistance of ventilation ducts	BS 476-24





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Construction Elements - Service Installations - Resistance to Fire	Standard for Fire Dampers - Fire Endurance and Hose Stream Tests	UL 555
Construction Elements - Service Installations - Resistance to Fire	Fire Tests of Penetration Firestops - F & T Ratings	UL 1479
Construction Elements - Service Installations - Resistance to Fire	Standard Test Method for Fire Tests of Penetration Firestop Systems - F & T Ratings	ASTM E814
Construction Elements - Service Installations - Resistance to Fire	Fire resistance test method-Air Ducts	GOST 53299
Construction Elements - Service Installations - Resistance to Fire	Fire dampers of ventilation systems-The test method for the fire resistance	GOST 53301
Construction Elements - Service Installations - Resistance to Fire - Classification	Fire classification of construction products and building elements - Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ducts and fire dampers	EN 13501-3+A1
Construction Elements - Smoke and heat control systems - Resistance to Fire	Smoke and heat control systems - Part 1: Specification for smoke barriers	EN 12101-1 EN 12101-1/A1 (Annex D)
Construction Elements - Smoke and heat control systems - Resistance to Fire	Smoke and heat control systems-Part 2: Specification for natural smoke and heat exhaust ventilators	EN 12101-2 (Annex G)
Construction Elements - Smoke and heat control systems - Resistance to Fire	Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators	EN 12101-3 (Annex C and Annex D)
Construction Elements - Smoke and heat control systems - Resistance to Fire	Fans - Fire Resistance Test Method	GOST 53302
Construction Elements - Smoke and heat control systems - Resistance to Fire - Classification	Fire classification of construction products and building elements - Part 4: Classification using data from fire resistance tests on components of smoke control systems	EN 13501-4
Construction Elements - Resistance to Fire	Fire behaviour of building materials and elements Part 12: Fire resistance of electric cable systems required to maintain circuit integrity - Requirements and testing	DIN 4102-12
Construction Elements - Resistance to Fire	Method for assessment of fire integrity of cast resin busbar trunking systems for the safety critical power distribution to life safety and fire fighting systems	BS 8602
Construction Elements - Resistance to Fire	Cable lines-Circuit integrity under fire conditions-Test method	GOST 53316
Construction Elements - Resistance to Fire	Cable penetrations, sealing glands and busbar feedthrough-Fire safety requirements-Fire resistance test methods	GOST 53310
Ship Elements - Resistance to Fire	International Code for Application of Fire Test Procedures, 2010- 'A', 'B' ve 'F' Class Divisions	2010 FTP Code Resolution MSC.307(88) Annex I Part 3
Storage Cabinets - Resistance to Fire	Fire safety storage cabinets - Part 1: Safety storage cabinets for flammable liquids	EN 14470-1 Annex A
Storage Cabinets - Resistance to Fire	Fire safety storage cabinets - Part 1: Safety cabinets for pressurised gas cylinders	EN 14470-2 Annex A



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Secure Storage Units - Resistance to Fire	Secure storage units - Classification and methods of test for resistance to fire - Light fire storage units	EN 15659
Electric Cables - Resistance to Fire	Electric cables - Fire resistance test for unprotected electric cables (P classification)	EN 50577
Construction Elements - Resistance to Fire	Rapid Rise Fire Tests of Protection Materials for Structural Steel	UL 1709
Construction Elements - Resistance to Fire	Fire Tests of Building Construction and Materials	UL 263
Construction Elements - Resistance to Fire	Tests of Fire Endurance of Building Construction and Materials	NFPA 251
Construction Products - Reaction to Fire	Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results	EN 50399 EN 50399/A1
Construction Products - Reaction to Fire	Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame	EN 60332-1-2 EN 60332-1-2/A1 EN 60332-1-2/A11 EN 60332-1-2/A12
Construction Products - Reaction to Fire	Test on gases evolved during combustion of materials from cables - Part 1: Determination of the amount of hydrogen acid gas	EN 60754-1 EN 60754-1/A1
Construction Products - Reaction to Fire	Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity	EN 60754-2 EN 60754-2/A1
Construction Products - Reaction to Fire	Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements	EN 61034-2 EN 61034-2/A1 EN 61034-2/A2
Construction Products - Electric Cables - Reaction to Fire	Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on electric cables	EN 13501-6
Ship Elements - Reaction to Fire	International Code (2010 FTP Code Resolution) for Application of Fire Test Procedures, 2010 - Non-combustibility test	2010 FTP Code Resolution IMO MSC.307(88) Annex I Part 1
Road Vehicles - Interior materials - Reaction to Fire	Road vehicles and tractors and machinery for agriculture and forestry- Determination of burning behaviour of interior materials	ISO 3795 FMVSS 302
Railway Vehicles - Seats - Reaction to Fire	Regulations relating to fire protection and firefighting measures in passenger carrying railway vehicles or assimilated vehicles used on international services - Appendix 13: Fire resistance of seats	UIC 564-2 Annex 13
Motor Vehicles - Materials - Reaction to Fire	Test to determine the horizontal burning rate of materials	ECER 118 Annex 6
Motor Vehicles - Materials - Reaction to Fire	Determination of burning behaviour of interior materials in motor vehicles	DIN 75200
Motor Vehicles - Materials - Reaction to Fire	Test to determine the horizontal burning rate of materials	95/28/EC-Ek IV





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ETICS Systems - Reaction to Fire	Ash Content	EAD 040083-00-0404 Madde A.8.1.
Construction Products - Reaction to Fire	Building materials-Methods for combustibility test	GOST 30244
ETICS Systems - Reaction to Fire	Ash Content	EAD 040083-00-0404 Madde A.6.6.
Construction Elements - Non-loadbearing	Air leakage tests of door assemblies and other opening protectives	UL 1784
Construction Elements - Non-loadbearing - Resistance to Fire,	Building structures-Fire-resistance tests methods-Elevator shaft doors	GOST 30247.3
Construction Elements - Smoke and heat control systems - Resistance to Fire	Smoke and heat control systems - Part 1: Specification for smoke barriers	EN 12101-1 EN 12101-1/A1 (ANNEX B, C)
Doors and Windows	Standard for Window Assemblies	UL 9
Doors and Windows	Standard for Fire Tests of Fire-Protective Curtain Assemblies	UL 10D
Thermal Insulation Materials - Fire	Testing of solid and liquid fuels - Determination of calorific value by bomb calorimeter and calculation of calorific value - Part 2: Isoperibolic or static-jacket calorimeter method	DIN 51900-2
Construction Elements - Service Installations - Resistance to Fire	Ventilation for buildings - Air terminal devices - Aerodynamic testing of damper and valves	EN 1751
Construction Elements - Service Installations - Resistance to Fire	Standard for Smoke Dampers - Cycling, Leakage and Fire Endurance Tests	UL 555S
Construction Elements - Service Installations - Resistance to Fire	Standard for Ceiling Dampers - Closing Reliability and Fire Endurance Tests	UL 555C
Construction Elements - Service Installations - Resistance to Fire	Standard for Tests for Fire Resistance of Building Joint Systems	UL 2079
Construction Elements - Non-loadbearing	Standard for Smoke Door Assemblies and Other Opening Protectives	NFPA 105
Construction Elements - Service Installations - Resistance to Fire	Testing of valves - Fire type-testing requirements	EN ISO 10497
Construction Elements - Service Installations - Resistance to Fire	Fire Test for Quarter-turn Valves and Valves Equipped with Nonmetallic Seats	API 607
Construction Elements - Resistance to Fire	Fire testing procedure for concrete tunnel linings and other tunnel components	Efectis-R0695
Coverings	Coverings - Determination of fire protection ability	EN 14135
Construction Elements - Smoke and Heat Control Systems - Resistance to Fire	Smoke and Heat Control Systems - Part 3: Specification for Powered Smoke and Heat Exhaust Ventilators	EN 12101-3 (Annex E)



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Construction Products - Electric Cables - Reaction to Fire	Tests on Electric and Optical Fibre Cables Under Fire Conditions – Part 3-21: Test for Vertical Flame Spread of Vertically-Mounted Bunched Wires or Cables – Category A F/R	EN 60332-3-21
Construction Products - Electric Cables - Reaction to Fire	Tests on Electric and Optical Fibre Cables Under Fire Conditions - Part 3-22: Test for Vertical Flame Spread of Vertically-Mounted Bunched Wires or Cables - Category A	EN 60332-3-22
Construction Products - Electric Cables - Reaction to Fire	Tests on Electric and Optical Fibre Cables Under Fire Conditions - Part 3-23: Test for Vertical Flame Spread of Vertically-Mounted Bunched Wires or Cables - Category B	EN 60332-3-23
Construction Products - Electric Cables - Reaction to Fire	Tests on Electric and Optical Fibre Cables Under Fire Conditions - Part 3-24: Test for Vertical Flame Spread of Vertically-Mounted Bunched Wires or Cables - Category C	EN 60332-3-24
Construction Products - Electric Cables - Reaction to Fire	Tests on Electric and Optical Fibre Cables Under Fire Conditions - Part 3-25: Test for Vertical Flame Spread of Vertically-Mounted Bunched Wires or Cables - Category D	EN 60332-3-25
Thermal Insulation Products - Fire	Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C	ASTM E 136
Thermal Insulation Products - Fire	Standard Test Method for Surface Burning Characteristics of Building Materials	ASTM E 84
Thermal Insulation Products - Fire	Standard Test Method for Surface Burning Characteristics of Building Materials	NFPA 255
Thermal Insulation Products - Fire	Standard Test Method for Surface Burning Characteristics of Building Materials	UL 723
Thermal Insulation Products - Fire	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	NFPA 262
Thermal Insulation Products - Fire	Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies	ULC 102
Thermal Insulation Products - Fire	Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies	ULC 102.2
Construction Elements - Service Installations - Fire Resistance	Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems	ASTM E2336
Construction Elements - Service Installations - Fire Resistance	Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems Fire Resistance	UL 2221
Storage Cabinets - Fire Resistance	Flammable Liquid Storage Cabinets	UL 1275
Construction Elements - Smoke and Heat Control Systems - Fire Resistance	Ventilators - Smoke and Heat Release Test	UL 705
Construction Elements - Service Installations - Fire Resistance	Fire Containment - Part 1: Ventilation Ducts	ISO 6944-1
Ship Elements - Fire Resistance	International Code For Application of Fire Test Procedures - Test for Fire Door Control Systems	2010 FTP code MSC.307(88) Resolution Annex I Part 4
Ship Elements - Fire Resistance	International Code For Application of Fire Test Procedures - Test for Fire-Resisting Divisions of High-speed Craft	2010 FTP code MSC.307(88) Resolution Annex I Part 11





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Regulation (EU) No 305-2011 - Construction Products - Additional assessment document for this scope : EA 2-17

Commission Decision	Product Family, Product/Intended Use/Essential Characteristics and Related Basic Requirement	Technical Requirements,Standards/Body Function
95/467/EC	Gypsum products (1/4): Plasterboards and ceiling elements with thin laminations, fibrous gypsum boards, fibrous gypsum plaster casts, and composite panels (laminates), in which the incorporated material is placed on a face susceptible to be exposed to fire, including relevant ancillary products. (in walls, partitions or ceilings (or lining thereof) subject to reaction to fire requirements) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 520:2004+A1:2009 EN 13950:2014 EN 13963:2005/AC:2006 EN 14190:2014 EN 14209:2017 EN 14353:2007+A1:2010 EN 15283-2:2008+A1:2009 EN 13658-1:2005 EN 13658-2:2005 EN 13815:2006 EN 13915:2007 EN 13950:2014 EN 13963:2005 EN 14190:2014 EN 14209:2017 EN 14496:2005 EN 15283-1:2008+A1:2009 (System 3)
96/578/EC	Sanitary appliances (1/1): Modular public toilets, and prefabricated toilet pods (for personal hygiene) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 858-1:2002 EN 858-1:2002/A1:2004 EN 1825-1:2004 EN 1825-1:2004/AC:2006 (System 3)
96/580/EC	Curtain wallings (1/1): Curtain wall kits (as external walls subject to reaction to fire requirements). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13830:2003 (System 3)
97/462/EC	Wood-based panels (2/2): Unfaced, overlaid and veneered or coated wood-based panels. (for non structural elements in internal or external applications) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13986:2004+A1:2015 (System 3)
97/464/EC	Waste Water Engineering products- Waste water engineering products inside and outside buildings - Kits and elements for waste water treatment plants and on-site treatment equipment -Septic tanks (For all use(s) when subject to regulations on reaction to fire) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 12566-6:2013 EN 12566-7:2013 (System 3)
97/740/EC	Masonry and related products (3/3): Masonry units incorporating thermal insulating materials placed on a face susceptible to be exposed to fire. (in walls and partitions subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 15824:2017 (System 3)
97/808/EC	Floorings (2/2) : Floor screed materials (for internal uses) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13454-1:2004 EN 13813:2002 EN 14016-1:2004 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (1/6): Roofing tiles, slates, stones and shingles (for uses subject to resistance to fire regulations (e.g. fire compartmentation)). Basic Requirement 2: Safety in case of fire: Resistance to Fire	EN 492:2012+A2:2018 EN 544:2011 EN 1304:2005 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Panels (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 438-7:2005 EN 1013:2012+A1:2014 EN 14509:2013 EN 15102:2007+A1:2011 (System 3)



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98/601/EC	Road construction products (2/2): Bituminous mixtures (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13108-1:2006 EN 13108-1:2006/AC:2008 EN 13108-2:2006 EN 13108-2:2006/AC:2008 EN 13108-3:2006 EN 13108-3:2006/AC:2008 EN 13108-4:2006 EN 13108-4:2006/AC:2008 EN 13108-5:2006 EN 13108-5:2006/AC:2008 EN 13108-6:2006 EN 13108-6:2006/AC:2008 EN 13108-7:2006 EN 13108-7:2006/AC:2008 (System 3)
99/90/EC	Membranes (2/3): Roof sheets (for uses subject to reaction to fire regulations). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13707:2004+A2:2009 EN 13956:2012 (System 3)
99/94/EC	Precast normal/lightweight/autoclaved aerated concrete products - Beam/block floor units and elements incorporating organic materials (for uses subject to regulations on reaction to fire) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 15037-5:2013 (System 3)
99/91/EC	Thermal insulating products (2/2): Thermal insulating products (factory-made products and products intended to be formed in-situ) (for uses subject to regulations on reaction to fire). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13162:2012+A1:2015 TS EN 13163:2012+A1:2015 EN 13163:2012+A1:2015 EN 13164:2012+A1:2015 EN 13165:2012+A2:2016 EN 13166:2012+A2:2016 EN 13167:2012+A1:2015 EN 13168:2012+A1:2015 EN 13169:2012+A1:2015 EN 13170:2012+A1:2015 EN 13171:2012+A1:2015 EN 14063-1:2004 EN 14063-1:2004/AC:2006 EN 14064-1:2010 EN 14303:2009+A1:2013 EN 14304:2009+A1:2013 EN 14305:2009+A1:2013 EN 14306:2009+A1:2013 EN 14307:2009+A1:2013 EN 14308:2009+A1:2013 EN 14309:2009+A1:2013 EN 14313:2009+A1:2013 EN 14314:2009+A1:2013 EN 14315-1:2013 EN 14316-1:2004 EN 14317-1:2004 EN 14318-1:2013 EN 14319-1:2013 EN 14320-1:2013 EN 14933:2007 EN 14934:2007 EN 15501:2013 EN 15599-1:2010 EN 15600-1:2010 EN 15732:2012 EN 16069:2012+A1:2015 (System 3)
99/454/EC	Fire stopping, fire sealing and fire protective products (2/2): Fire stopping and fire sealing products - Penetration seals (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EAD 350454-00-1104 (System 3)
99/470/EC	Construction adhesives (2/2): Adhesives for tiles (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 12004:2007+A1:2012 (System 3)
99/469/EC	Products related to concrete, mortar and grout (2/2): Concrete protection and repair products (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 1504-2:2004 EN 1504-3:2005 EN 1504-4:2004 EN 1504-6:2006 (System 3)




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 <p>TÜRKAK</p> <p>Test TS EN ISO/IEC 17025 AB-0556-T</p>	<p>EFFECTİS ERA AVRASYA TEST VE BELGELENDİRME ANONİM ŞİRKETİ</p> <p>Accreditation Nr: AB-0556-T Revision Nr: 12 Date: 28.02.2025</p>	
99/472/EC	Pipes, tanks and ancillaries not in contact with water intended for human consumption (4/5): Valves and taps (in installations in areas subject to reaction to fire regulations, used for the transport/disposal/storage of water not intended for human consumption) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 15069:2008 (System 3)
2011/19/EU	Sealant for non-structural use in joints in buildings and pedestrian walkways (2/2): Sealants for non-structural use in joints in buildings and pedestrian walkways(for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 15651-1:2012 EN 15651-2:2012 EN 15651-3:2012 EN 15651-4:2012 (System 3)
2000/245/EC	Flat glass, profiled glass and glass-block products (2/6): Flat or curved glass panels (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 1096-4:2018 EN 1279-5:2018 EN 1748-1-2:2004 EN 1748-2-2:2004 EN 1863-2:2004 EN 12150-2:2004 EN 14178-2:2004 EN 14449:2005/AC:2005 EN 12337-2:2004 EN 13024-2:2004 EN 14179-2:2005 EN 14321-2:2005 EN 14449:2005 (System 3)
2011/284/EU	Power, control and communication cables (1/3): Power, control and communication cables (for users subject to regulations on reaction to fire) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 50575:2014/A1:2016 EN 50575:2014+A1:2016
95/467/EC	Gypsum products (2/4): Plasterboards, blocks, ceiling elements and gypsum plasters, fibrous gypsum plasters casts, including relevant ancillary products(in walls, partitions or ceilings, as relevant, intended for fire protection of structural elements and/or fire compartmentation in buildings). Basic Requirement 2: Safety in case of fire: Resistance to Fire	EN 520:2004+A1:2009 EN 12860:2001 EN 12860:2001/AC:2002 EN 13279-1:2008 EN 14195:2005 EN 14195:2005/AC:2006 EN 14246:2006 EN 14246:2006/AC:2007 EN 12859:2011 (System 3)
97/808/EC	Floorings (2/2): Rigid flooring products (a) Components: paving units, tiles, mosaics, parquet, decking of mesh or sheet, floor gratings, rigid laminated floorings, wood based products (for internal uses including enclosed public transport premises). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 12057:2004 EN 12058:2004 EN 13748-1:2004 EN 13748-1:2004/A1:2005 EN 13748-1:2004/AC:2005 EN 14342:2013 EN 14411:2012 EN 15285:2008 EN 15285:2008/AC:2008 (System 3)
97/808/EC	Floorings (2/2): Resilient and textile floorings - homogeneous and heterogeneous resilient floor coverings supplied either in tile, sheet or roll form (textile floor covering including tiles; plastic and rubber sheets (aminoplastic thermosetting floorings); linoleum and cork; anti-static sheet; floor loose laid tiles; resilient laminated floorings) (for internal uses) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 14041:2004 EN 14041:2004/AC:2006 EN 14904:2006 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (2/6): Roofing tiles, slates, stones and shingles (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 490:2011 EN 492:2012+A2:2018 EN 544:2011 EN 1304:2005 EN 12326-1:2014 EN 14964:2006 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (2/6): Roof windows (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 14351-1:2006+A2:2016 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (1/6): Factory-bonded composite or sandwich panels (for uses subject to resistance to fire regulations (e.g. fire compartmentation)) Basic Requirement 2: Safety in case of fire: Resistance to Fire	EN 14509:2013 (System 3)




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98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (2/6): Factory-bonded composite or sandwich panels (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 14509:2013 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (2/6): Flat and profiled sheets (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 494:2012+A1:2015 EN 534:2006+A1:2010 EN 1013:2012+A1:2014 EN 14782:2006 EN 14783:2013 EN 16153:2013+A1:2015 EN 16240:2013 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (1/6): Rooflights (for uses subject to resistance to fire regulations (e.g. fire compartmentation)). Basic Requirement 2: Safety in case of fire: Resistance to Fire	EN 1873:2005 EN 14963:2006 (System 3)
98/436/EC	Roof coverings, rooflights, roof windows and ancillary products (2/6): Rooflights (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 1873:2005 EN 14963:2006 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Sidings (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 534:2006+A1:2010 EN 13245-2:2008 EN 13245-2:2008/AC:2009 EN 14915:2013 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Suspended ceilings (kits) (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13964:2014 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Shingles (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 12467:2012+A2:2018 EN 16153:2013+A1:2015 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Tiles (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 490:2011 EN 12057:2004 EN 14411:2012 EN 14782:2006 EN 15286:2013 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Coverings in roll form (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 14716:2004 EN 15102:2007+A1:2011 (System 3)
98/437/EC	Internal and external wall and ceiling finishes (3/5): Cladding slabs (as internal or external finishes in walls or ceilings subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 1469:2015 EN 14783:2013 (System 3)
99/90/EC	Membranes (2/3): Water vapour control layers (for uses subject to reaction to fire regulations). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13859-1:2010 EN 13859-2:2010 EN 13970:2004 EN 13970:2004/A1:2006 EN 13984:2013 (System 3)
99/90/EC	Membranes (2/3): Damp proofing sheets (for uses subject to reaction to fire regulations) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13967:2012 EN 13969:2004 EN 13969:2004/A1:2006 (System 3)
99/90/EC	Membranes (2/3): Roof underlays (for uses subject to reaction to fire regulations). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 13859-1:2010 (System 3)



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99/90/EC	Membranes (2/3): Damp proof courses (for uses subject to reaction to fire regulations). Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 14909:2012 EN 14967:2006 EN 15814:2011+A2:2014 (System 3)
99/472/EC	Pipes, tanks and ancillaries not in contact with water intended for human consumption (4/5): Fittings, adhesives, joints, joint sealings and gaskets (in installations in areas subject to reaction to fire regulations, used for the transport/disposal/storage of water not intended for human consumption) Basic Requirement 2: Safety in case of fire: Reaction to Fire	EN 295-1:2013 EN 295-4:2013 EN 295-5:2013 EN 295-7:2013 (System 3)

This document has been signed by Gül den Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.





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Horizontal Notification (CPR Annex v3) - Additional assessment document for this scope : EA 2-17

Essential characteristics	Specification, Standards	Function Body
Reaction to fire	EN 13823 EN ISO 1182 EN ISO 11925-2 EN ISO 1716	Testing Laboratory
Resistance to fire	EN 13381-1 EN 13381-4 EN 13381-8 EN 1364-1 EN 1364-2 EN 1364-3 EN 1364-4 EN 1365-2 EN 1365-3 EN 1365-4 EN 1366-1 EN 1366-10 EN 1366-2 EN 1366-3 EN 1366-4 EN 1366-5 EN 1366-6 EN 1366-8 EN 1366-9 EN 14135 EN 1634-1 EN 1634-2 EN 1634-3 EN 13381-2 EN 13381-3 EN 13381-5 EN 13381-7	Testing Laboratory

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