

ISO 17025 Accredited testing standards				laboratories of Efectis (3)			
type of products	region	testing standard number	testing standard description	France (1)	Netherlands	Turkey	UK
reaction to fire	EN	EN 13823	CONSTRUCTION products; Contribution to fire propagation (SBI test)	x	x	x	x
		EN 11925-2	Determination of reaction to fire of construction products during direct exposure to flames – testing using a single flame source	x	x	x	x
		EN/ISO 9239-1	Determination of reaction to fire of floor coverings – determination of reaction to fire using a heat radiation source		x		
		EN 1021-1 and 2	Upholstered furniture: Assessment of combustibility, method 1 and 2		x		
		EN 13820	thermal insulation - determination of organic content			x	
		EN 1887	determination of combustible matters content of products submitted to high heat in furnace	x			
		EN 60332-1-2	tests on electric and optical fibre cables under fire conditions : part 1-2 test for vertical flame propagation	x		x	
		EN 50399	common tests for cables under fire conditions - heat and smoke release measurements on cables	x		x	
		EN 60754-1	test on gases evolved during combustion of materials from cables part 1 determination of the amount of halogen acid gas			x	
		EN 60754-2	test on gases evolved during combustion of materials from cables part 1 determination of acidity (Ph) and conductivity			x	
		EN 61034-2	measurements of smoke density of cables under fire conditions : part 2 : test			x	
		ECE R118 ek 6 and 95/28 EC-EK IV	motor vehicles : horizontal burning rate tests + dripping test	x		x	
		EN 17084	Railway applications - Fire protection in railway vehicles - Toxicity test of materials and components	(x)			
		EN 16989	Railway applications - Fire protection on railway vehicles - Fire behaviour test for a complete seat	(x)			
		EN 60695-2-10	Fire hazard testing - Part 2-10 : glowing/hot-wire based test methods - Glow-wire apparatus and common procedure	X			
		EN 60695-2-11	Fire hazard testing - Part 2-11 : glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT)	X			
		EN 60695-2-12	Fire hazard testing - Part 2-12 : glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials	X			
		EN 60695-2-13	Fire hazard testing - Part 2-13 : glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials	X			
		EAD 040083-00-0404	Etics systems : ash contents				x
	ISO 9705 -1	Full-scale room tests for surface products.	X				
	ISO 13784-1	Reaction to fire tests for sandwich panel building systems - Part 1 : small room test	x			x	
	ISO 24473	Fire tests - Open calorimetry - Measurement of the rate of production of heat and combustion products for fires of up to 40 MW	(x)				
	ISO 16405	Room Corner and open calorimeter - Guidance on sampling and measurement of effluent gas production using FTIR technique	(x)				
	ISO 5660-1	Heat release, smoke production and mass loss rate -- Part 1: Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)				x	
	ISO 19702	Guidance for sampling and analysis of toxic gases and vapours in fire effluents using Fourier transform infrared (FTIR) spectroscopy	x				
	ISO TS 19021	Test method for determination of gas concentrations in ISO 5659-2 using Fourier transform infrared spectroscopy	x				
	ISO TS 21397	FTIR analysis of fire effluents in cone calorimeter tests	x				
	ISO 1182	non combustibility test	x		x		
	ISO 1716	determination of gross heat of combustion	x	x	x		
	ISO 9239-1	reaction to fire of floor covering - using heat radiation source		x			
	ISO 1887	Textiles glass. Determination of combustible-matter content.	x				
	ISO 3795 - FMVSS302	road vehicles and tractors and machinery - determination of burning behaviour of interior materials			x		
	French	NF P 92-501	Safety against fire - Building materials - Reaction to fire tests - Radiation test used for rigid materials, or for materials on rigid substrates (flooring and finishes) of all thicknesses, and for flexible materials thicker than 5 mm	x			
NF P92-503		Electrical burner test used for flexible materials	x				
NF P92-504		Flame persistence test and speed of the spread of flame	x				
NF P92-505		Test used for thermally melting materials. Dropping test	x				
German	DIN 75200	determination of burning behaviour of interior materials in motor vehicles			x		
	DIN 51900-2	Determination of calorific value by comb calorimeter			x		
British	BS 5852	Upholstered furniture: Assessment of combustibility, method 1 and 3		x			
Others	UIC 564-2 annex 13	regulations relating to fire protection and fighting measures in passengers carrying railway vehicles : appendix 13 - fire resistance of seats	(x)		x		
Fire resistance : general requirements	EN	EN 1363-1 and -2	Determination of fire resistance: Construction products	x	x	x	x
	ISO	ISO 834-1	Fire resistance- elements of building construction - part 1 : general requirements			x	
	British	BS 476-20	principles	x		x	x
	US	UL 263	standards for fire tests of building construction and materials			x	
		NFPA 251	standards for test of fire resistance of building construction and materials			x	
	Russian	GOST 30247-1	Elements of building structure - fire resistance test methods- general requirements			x	
		EN 1364-1	Determination of fire resistance Non-load-bearing elements: partition walls, glazed partitions	x	x	x	x
		EN 1364-2	Determination of fire resistance Non-load-bearing elements: ceiling	x	x	x	x
		EN 1364-3	Determination of fire resistance Non-load-bearing elements: curtain walls (assembly)	x	x	x	x
		EN 1364-4	Determination of fire resistance Non-load-bearing elements: curtain walls - configuration part	x		x	x
		EN 1364-5	Fire resistance tests for nonloadbearing elements: Air transfer grilles	x	x	x	
		EN 1365-1	Determination of fire resistance Load-bearing elements: partition walls	x	x	x	x
		EN 1365-2	Determination of fire resistance Load-bearing elements: floors and roofs	x	x	x	x
		EN 1365-3	Determination of fire resistance Load-bearing elements: floors and roofs	x		x	x
		EN 1365-4	Determination of fire resistance Load-bearing elements: columns	x		x	
		EN 1366-1	Determination of fire resistance Systems: ventilation ducts	x		x	

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Fire resistance : construction elements (2)	EN	EN 1366-2	Determination of fire resistance Systems: fire dampers	x	x	x	
		EN 1366-3	Determination of fire resistance Systems: penetration seals	x	x	x	x
		EN 1366-4	Determination of fire resistance Systems: joints	x	x	x	x
		EN 1366-5	Determination of fire resistance Systems: services ducts and shaft	x		x	
		EN 1366-6	Determination of fire resistance Systems: hollow floors	x		x	
		EN 1366-7	Determination of fire resistance Systems: conveyer systems and their closure	x			
		EN 1366-8	Determination of fire resistance Systems: smoke extraction ducts	x		x	
		EN 1366-9	Determination of fire resistance Systems: single compartment smoke extraction ducts	x		x	
		EN 1366-10	Determination of fire resistance Systems: smokecontrol dampers	x		x	
		EN 1366-11	Determination of fire resistance Systems: fire protective system for cables	x			
		EN 1366-12	Determination of fire resistance Systems: non mechanical fire barrier for ventilation ducts	x		x	
		EN 1634-1	Determination of fire resistance Door and hatch constructions: fire doors and hatches	x	x	x	x
		EN 1634-2	Determination of fire resistance Door and hatch constructions:element of building hardware	x		x	
		EN 1634-3	Determination of smoke resistance: Door and hatch constructions: fire doors and hatches	x	x	x	
		EN 14135	covering	x		x	x
		EN 8158	safety rules for the construction and installation kits : part 58 lift landing doors	x		x	
		EN 50577	electrical cables : fire resistance of unprotected cables (P class)	x		x	
		EN 14470-1	safety storage cabinets part 1 flammable liquids			x	
	EN 14470-2	safety storage cabinets part 2 cabinets for pressurized cylinders			x		
	EN 15659	secure storage units : fire resistance of light fire storage units			x		
	EN 45545-3	railways vehicles - fire barrier	x				
	EN 1751	Aerodynamic tests for dampers and valves			x		
	EN ISO 10497	Testing of valves - Fire type-testing requirements			x		
	British	BS 476-22 Clause 5	Partitions	x		x	x
		BS 476-22 Clause 6	Fully insulated door sets and shutter assemblies.	x		x	x
		BS 476-22 Clause 7	Partially insulated door sets and shutter assemblies.	x		x	x
		BS 476-22 Clause 8	Uninsulated door sets and shutter assemblies.	x		x	x
		BS 476-22 Clause 10	Glazed elements.	x		x	x
		BS 476-21 clause 5	Determination of fire resistance Load-bearing elements: beams	x		x	x
		BS 476-21 clause 8	Determination of fire resistance Load-bearing elements: partition walls	x		x	x
	BS 476-24	ventilation ducts	x		x		
	BS 476-31	Determination of smoke resistance: Door and hatch constructions: fire doors and hatches			x		
	German	DIN 4102-12	Fire resistance of electric cable systems required to maintain circuit integrity - Requirements and testing			x	
	US	UL 10B and UL 10C	fire tests of door assemblies	x		x	
		UL 10D	fire tests of fire-protective curtain assemblies			x	
		UL 9	fire tests of window assemblies			x	
		UL 1479	penetration fire stop	x		x	
		UL 2079	building join systems	x		x	
		NFPA 252	fire tests of door assemblies	x		x	
		NFPA 502 / RWS procedure	fire protection of tunnel structure - RWS Efectis procedure		x		
		ASTM E199	buimlding construction and materials : non load bearing walls	x		x	
		ASTM E 2226	standard practice for application of hors stream	x		x	
		UL 1784	Determination of smoke resistance: Smoke Door Assemblies and Other Opening Protectives			x	
		UL 555	Fire Endurance and Hose Stream Tests for Fire Dampers			x	
		UL 555S	Cycling, Leakage and Fire Endurance Tests for Smoke Dampers			x	
UL 555C		Closing Reliability and Fire EnduranceTests for Ceiling Dampers			x		
API 607	Testing of valves - Fire type-testing requirements			x			
Autralian	AS 1530.4	Unloaded vertical separating elements	x				
Chinese	GB/T 7633	doors and assemblies	x				
	GB/T 9978.8	vertical separating eelements	x				
Brasilian	GB/T 9978.8	horizontal separating eelements	x				
	NBR 5628	floors and roofs	x				
Dutch	NEN 6069	fire resistance of elements		x			
	RWS test procedure	fire protection of tunnel structure		x			
structural protection	EN	EN 13381-1	Fire resistance Horizontal protective membranes.	x		x	x
		EN 13381-2	Fire resistance Vertical protective membranes.	x		x	x
		EN 13381-3	Fire resistance Applied protection to concrete members.	x		x	x
		EN 13381-4	Fire resistance Applied protection to steel members.	x	x	x	x
		EN 13381-5	Fire resistance Applied protection to concrete/composite members.	x		x	x
		EN 13381-6	Fire resistance Applied protection to concrete filled hollow steel columns.	x			x
		EN 13381-7	Fire resistance Applied protection to timber members.	x		x	x
		EN 13381-8	Fire resistance Applied reactive protection to steel members.	x	x	x	x
		EN 13381-9	Fire resistance Applied protection to steel beams with web openings.	x			x
		ETAG-018 -2 and -3	coatings and kits : insulation efficiency	x			
		EAD 350402-00-1106	reactive coating for steel members	x		x	
		EAD 350140-00-1106	tenderings and kits for fire resisting application	x			
		Egolf A5	method for measuring bonding properties of ifr eprotection amaterials	x			
		ISO 22899-1	resistance to jet fires of passive fie protection materials	x			
	French	DTU 92-701	fire resistance of concrete structure	x			
		DTU 92-702	fire resistance of steel structure	x			
		decree 03/08/99 + CETU guide for raod tunnel	ceilings - walls - shutters - loadbearing eelements	x			
		decree 22/03/04	ceiling - suspended ceilings - dampers and tunnels	x			
	Australian	decree 22/03/04	ducts - penetration seals	x			
		AS 1530.4	Loaded vertical separating elements	x			

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	US	ASTM E119	buimlding construction and materials : load bearing walls and floors	x		x		
		UL 1709	rapid rise fire tests for protection materials of structural steel	x		x		
smoke	EN	EN 12101-1	smoke and heat control systems -Part 1: smoke curtain	x		x	x	
		EN 12101-2	Smoke and heat control systems -Part 2: Specification for natural ventilators	x	x	x	x	
		EN 12101-3	smoke and heat control systems -Part 3: powered smoke and heat vantilators	x		x		
	French	decree 22/03/04	ducts - dampers - smoke dampers	x				
		decree 03/08/99 protocole C4	Fans - natural ventilators - smoke barriers - mechanical ventilation double flow box	x				
facades	British	BS8414-1	Fire performance of external cladding systems. Test method for non-loadbearing external cladding systems applied to the masonry face of a building.	x			x	
		BS8414-2	Fire performance of external cladding systems. Test method for non-loadbearing external cladding systems fixed to and supported by a structural steel frame.	x			x	
	ISO	ISO 13785-2	Tests for facades. Large scale test.	(x)				
		ISO 13785-1	Tests for facades. Intermediate scale test.	x			x	
roofs	EN	NPRCEN TS1187	Determination of fire hazard of roofs– test 1		x			
		NPRCEN TS1187	Determination of fire hazard of roofs– test 3	x				
Classification	EN	EN 13501- 1	Fire classification of construction products and components	(accreditation not possible in France)	x	x	x	
		EN 13501- 2	Fire classification of construction products and components	(accreditation not possible in France)	x	x	x	
		EN 13501- 3	Fire classification of construction products and components	(accreditation not possible in France)	x	x		
		EN 13501- 4	Fire classification of construction products and components	(accreditation not possible in France)			x	x
		EN 13501- 5	Fire classification of construction products and components	(accreditation not possible in France)	x			
		EN 13501- 6	Fire classification of construction products and components	(accreditation not possible in France)			x	
	French	NF P 92-507 Decree 21/11/2002 annex B	M-classification	(accreditation not possible in France)				
	British	BS 476-8	Fire classification of construction products and components	(accreditation not possible in France)				x
BR 135		Fire performance of external thermal insulation for walls of multi-storey buildings	(accreditation not possible in France)				x	
Marine - IMO FTPC - Resolution MSC.307(88) - 2010	IMO	Part 1	non combustibility test	x		x		
		Part 3	Ceilings	x				
		Part 3	Bulkheads and decks	x	x	x		
		Part 4	doors	x				
		Part 10	Fire restricting materials (for HSC)	x	x			
		Part 11	Fire resistant divisions (for HSC)	x				
		IMO A763(18)	Plastic pipes	x	x			
		IMO MSC. Circ 1006	Cone	x				
Railways	EN	EN 45545-2	R2F	x				
		EN 45545-3	RF	x				
Nuclear	EDF	ENGSI 110334 B	seals	x				
		ENGSI 040475 D	penetration seals resistant to fire and watertight	x				
		ENGSI 040475 E	penetration seals resistant to fire and watertight	x				
		D305916005301	penetration seals resistant to fire and watertight	x				
		D305914022135-B	protection boxes for electromechanical devices	x				
		ENGSI 040476 A	protection boxes for electromechanical devices	x				
		ENGSI 040526 A	protective systems for cable trays	x				
		D305916004158-B	PROVISIONAL penetration seals resistant to fire	x				
		D305914012753 B	protective systems for cable trays	x				
		HN 18-S-01	penetration seals resistant to fire	x				

(1) Efectis France is accredited according to FLEX 2 level that allows self - declaration of standards when the standard includes all the accredited technical competences. The (x) standards can be added when necessary

(2) Efectis has got a total of 13 fire resistance furnaces from 1m³ to 150 m³

(3) Efectis is able to perform many others ad hoc tests from small scale with additional measurements (FTIR, RHR,...) or large scale tests (in and out doors)