



Fire Tests and Certification

Tested in Europe – Certified for the World

UL and ift Rosenheim offer manufacturers of building elements and building materials all relevant tests and certifications for fire resistance, smoke control, reaction to fire and many other product characteristics from a single source.

In the new Centre of Excellence for Fire-Testing, tests can be carried out according to EN, UL, ULC, DIN and British standards, so the certificates are valid not only in Europe, but also in the USA, Canada, Middle East, Latin America and Asia.

Synergies for customers, quality and service

What are the advantages of a cooperation between UL and ift Rosenheim?

Bundled services

Cost and time savings in the areas of testing and certification

One-stop-shop

Complete service for all your building products

Global market access

Recognition of our tests and certificates in the majority of markets

Local contacts

Support from our experts on site and in local language



Access global markets – with your fire safety experts in Europe



Product group		Description	Certification				Test				
Fire resistance		European Product Standard	ift-Cert.	UL (US) Test and Certification	UL (EU)	EN Tests	ETA	BS	CH	D	ISO
		CE	ift	UL US	UL EU		ETA			abZ/abP	
Curtain walling	Fire resistance tests for non-loadbearing elements, curtain walling, part configuration, fire flashover	EN 13830		UL 263, CAN/ULC-S101		EN 1364-4					
	Full configuration	EN 13830	EN 13830	UL 263, CAN/ULC-S101		EN 1364-3				abZ	
Doorsets	Industrial type doors incl. chute doors, shutter, coiling doors and sliding products	EN 16034	EN 16034	UL 10B, CAN/ULC-S104		EN 1634-1		BS 476/22	EN 1634-1	abZ	ISO 3008
	Pedestrian, internal and external doors and windows	EN 16034	EN 16034	UL 10B/10C, CAN/ULC-S104		EN 1634-1		BS 476/22	EN 1634-1	abZ	ISO 3008
	Operable fire curtains		abZ	UL 10D		EN 1634-1		BS 476/22	EN 1634-1	abZ	ISO 3008
	Lift landing/elevator entrances			UL 10B, CAN/ULC-S104		EN 1634-1		BS 476/22			
Glass	Numerous types of glass	various product standards	various product standards	UL 9, CAN/ULC-S106		EN 1634-1; EN 1364-1; -3; -4		BS 476/22			
Partitions	Internal partition kits for use as non-loadbearing walls			UL 263, CAN/ULC-S106		EN 1364-1	ETAG 003	BS 476/22	EN 1364-1	abP	ISO 3009
Structural concrete & steel beams	Concrete members			UL 263, ASTM E119	EN 1365-3, EN 13381-3	EN 1365-3, EN 13381-3		BS 476: Part 21			
Structural concrete members	Concrete filled hollow steel columns			UL 263, ASTM E119	EN 1365, EN 13381-6	EN 1365, EN 13381-6		BS 476: Parts 20/21			
Structural steel members (including the contribution of the applied protection)	Passive protection products to steel members			UL 263, UL 1709, ASTM E119	EN 1365, EN 13381-4	EN 1365, EN 13381-4	ETAG 018	BS 476: Part 21 & ASFP Yellow Book 5th Edition			
	Reactive protection to steel members			UL 263, UL 1709, ASTM E119	EN 1365, EN 13381-8	EN 1365, EN 13381-8	ETAG 018				
	Fire protection systems to steel beams with web openings			UL 263, ASTM E119	EN 1365, EN 13381-9	EN 1365, EN 13381-9	ETAG 018				
Test methods for determining the contribution to the fire resistance of structural members	Vertical protective membranes				EN 1365, EN 13381-2	EN 1365, EN 13381-2					
	Applied protection to concrete/profiled sheet steel composite members				EN 1365, EN 13381-5	EN 1365, EN 13381-5					
	Applied protection to timber members				EN 1365, EN 13381-7	EN 1365, EN 13381-7					
Firestopping	Firestopping and sealing systems – penetration seals			UL 1479, CAN/ULC-S115, ASTM E814	EN 1366-3	EN 1366-3	ETAG 026 Part 2	BS 476/20			
	Firestopping and sealing systems – linear joint and gap seals			UL 2079, CAN/ULC-S115, ASTM E1966	EN 1366-4, EN 1364-4	EN 1366-4, EN 1364-4	ETAG 026 Part 3	BS 476/20			
Barriers/Service installations	Non-mechanical fire barrier for ventilation ductwork				EN 1366-12	EN 1366-12					
	Fire dampers			UL 555, CAN/ULC-112	EN 1366-2	EN 1366-2					
	Smoke extraction ducts				EN 1366-8	EN 1366-8					
	Single compartment smoke extraction ducts				EN 1366-9	EN 1366-9					
	Kitchen extract ducts				EN 1366-14	EN 1366-14					
Walls	Fire resistance tests for non-loadbearing elements, walls			UL 263, CAN/ULC-S106	EN 1364-1	EN 1364-1		BS 476/22	EN 1364-1	EN 1364-1	ISO 3009
Fire resistance tests for loadbearing elements	Ceiling (loadbearing)			UL 263	EN 1365-2	EN 1365-2					
Non loadbearing elements	Ceilings (non loadbearing)				EN 1364-2	EN 1364-2				EN 1364-2	
Conveyor systems	Closures for conveyors and trackbound transportation systems				EN 1366-7	EN 1366-7					
Smoke control											
Doorsets	Industrial, commercial and pedestrian internal and external doors and windows	EN 16034	EN 16034	UL 1784		EN 1634-3		BS 476/31.1 *	EN 1634-3	abP	
	Lift landing doorsets	EN 16034		UL 1784		EN 1634-3		BS 476/31.1 *			
Smoke barriers	Smoke barriers	EN 12101 Annex C	EN 12101 Annex C			EN 12101 Annex C		BS 476/24 *			
Natural smoke elements	Natural smoke & heat exhaust ventilators	EN 12101-2	EN 12101-2			EN 12101-2		BS 476/24 *			
Service installations	Smoke control dampers			UL 555S, CAN/ULC-112S *							
Reaction to fire											
Testing of the reaction to fire of building materials	Chimney test		DIN 4102-15, -16							DIN 4102-15	
	Single flame source		DIN 4102-2		EN 11925-2	EN 11925-2		BS 11925-2		DIN 4102-2	ISO 11925-2
	Bomb calorimeter				EN 1716	EN 1716		BS 1716			ISO 1716
	Non combustibility				EN 1182	EN 1182		BS 1182		DIN 4102-1	ISO 1182
	Burning behaviour using a radiant heat source				EN 9239-1	EN 9239-1		BS 9239-1		DIN 4102-14	ISO 9239-1
	Single burn item				EN 13823	EN 13823		BS 13823		DIN 4102-7	
	Smouldering				EN 16733	EN 16733		BS 16733			
	Classification of construction products and building elements		DIN 4102-1		EN 13501-1	EN 13501-1				DIN 4102-1	



The fire safety center in Rosenheim

The following test equipment is available:

1. Furnaces for fire resistance

- a. 8 m wide x 5 m high for walls, doors, dampers, glazing, firestopping, facades and more
- b. 5 m wide x 5 m high for walls, doors, dampers, glazing, firestopping, facades and more
- c. 4 m wide x 5 m long for testing load-bearing beams, floors, roofs, ducts and dampers
- d. 3 m high x 3 m wide for loaded and unloaded column testing
- e. 2 m deep x 1.5 m wide x 1.5 m high testing for horizontal and vertical testing of walls, floors, firestopping and more

2. Web-based video equipment for worldwide live video transmission of tests

3. Reaction to fire tests including the single burning item (SBI test)

4. Smoke control chambers (8 m x 5 m, 5 m x 5 m and 3,5 m x 3,5 m)

5. Durability testing up to 9 m x 5 m sizes of doorsets

6. 9,5 m wide x 7,5 m high curtain wall testing for air permeability, water tightness, wind loads up to 6000 Pa as well as climatic loads

Secure and private installation areas with crane systems and workshop areas as well as special mounting frames allowing maximum convenience. Examples of some of the tests available are shown overleaf.

Contact UL

- ✉ eu.BuildingLifeSafety@ul.com
- 🌐 <https://firetestingeurope.ul.com>

Contact ift Rosenheim

- ✉ info@ift-rosenheim.de
- ☎ +49 8031 261-0
- 🌐 www.ift-rosenheim.de

