

# Fire safety regulations

A stand manager must be present when the Safety Commission meets on Tuesday October 21 at 2pm.

The exhibitor must be able to present the certificates and reports for structures (marquees, etc.) requiring validation by an inspection office, and for the fire classification of construction materials and stand fittings.

## 1. General

The safety regulations governing fire and panic risks in establishments open to the public are set out in the following texts:

- Order of June 25, 1980 modified (general provisions),
  - Decree of November 18, 1987 modified by the decree of February 3, 2000 laying down special provisions applicable in exhibition halls.
- This non-exhaustive document is a summary of these regulations.

The Safety Commission is extremely vigilant when it comes to stand construction (stability, construction and decoration materials, electrical installations, etc.). Any observations made are immediately enforceable.

Stands must be fully set up by the time the commission arrives. The exhibitor (or his representative) must be present on the stand and be able to provide the fire reaction certificates for all materials used. Failure to comply with this rule may result in materials being removed or the stand being closed to the public.

Specific projects must be submitted to the Exhibition Safety Officer for approval. Plans and technical information must be sent to the Organizer no later than July 7, 2025,

During assembly, the safety officer will ensure that the safety measures listed below are applied. For information on fire safety, please contact the safety officer:

**Mr Hervé PIERRE by telephone on 06 75 71 56 98 or by e-mail: [herve@hervepierre.com](mailto:herve@hervepierre.com)**

# Fire safety regulations

## 2. Stand layout

The fire classification of materials is subject to the provisions of the decree of November 21, 2002, the French standard or the European standard.

### 2. 1 Correspondence with Euroclasses

Classes by NF EN 13501-1 (Above-ground)				Classes by NF EN 13501-1 (Above-ground)			
A1	-	-	Non-combustible	C	s1		M2
A2	s1	d0	M0		s2	d0	
A2	s1	d1	M1		s3	d1	
A2	s2	d0	M1	D	s1		M3
	s3	d1			s2	d0	M4
s3					d1	Non-drip	
B	s1			E-d2 to F			M4
	S2	d0	SOL				
	S3	d1	SOL				
C	s1		M2	Bfl			M4
	s2	d0			S1		
	s3	d1			s2		

# Fire safety regulations

## 2.2 Stand framing and partitioning - Major furnishings

All M0, M1, M2 or M3 <sup>(1)</sup> materials are authorized for the construction of stand frames and partitions, and for the construction of large furniture items (cash desk, counter, display unit, partition screen, etc.).

### CONVENTIONAL CLASSIFICATION OF WOOD-BASED MATERIALS

(Order of November 21, 2002)

- The following are considered to correspond to the characteristics of category M3 materials:
- solid non-coniferous wood with thicknesses greater than or equal to 14 mm,
- solid softwood with a thickness of 18 mm or more,
- wood-based panels (plywood, batten, fiberboard, particleboard) with a thickness of 18 mm or more.

### ATTENTION:

It is absolutely forbidden to place any fittings whatsoever above the aisles (structures or signage strips, walkways, etc.).

## 2. 3. cladding materials

Wall coverings	Wall coverings (natural textiles or plastics) must be made of M0, M1 or M2 <sup>(1)</sup> materials. They can then be stretched or fixed with staples. Miscellaneous coverings (fabric, paper, plastic film) of very thin thickness (1 mm maximum) can be used glued solid to M0, M1, M2 or M3 substrates. Embossed and relief papers, on the other hand, should be glued solid to M0 materials only. The materials exhibited may be displayed on the stands without any reaction to fire requirements. However, if these materials are used to decorate partitions or false ceilings, and if they represent more than 20% of the total surface area of these elements, the provisions of the preceding paragraphs apply to them. However, these provisions do not apply to specific interior design shows and stands featuring textiles and wall coverings. A water-spray extinguisher must be installed in the stand concerned.
Curtains - drapes - sheers	Curtains, drapes and sheers may be floating if they are M0, M1 or M2 <sup>(1)</sup> . However, they are forbidden on stand entrance and exit doors, but authorized on cabin doors.
Paints and varnishes	Paints and varnishes are strictly forbidden if they are considered flammable (nitrocellulose or glycerophthalic, for example).
Flooring, podiums, stands, bleachers	Floor coverings must be made of M4 materials and securely fastened. Horizontal or non-horizontal coverings for podiums, stands or bleachers over 0.30 m high and with a total surface area of over 20 m2 must be made of M3 materials. If their total surface area is less than or equal to 20 m2, these coverings may be made of M4 materials.
Carpet	For carpets rated M3 or M4 laid on wood, take into account the installation method. Visit reaction-to-fire certificates must state: "Valid for tensioned installation on any M3 substrate".

# Fire safety regulations

## 2. 4. decorative elements

Floating elements	Floating decorative elements (billboards larger than 0.50 m <sup>2</sup> , garlands, light decorative objects, etc.) must be made of M0 or M1 materials. The use of white lettering on a green background is absolutely forbidden, as these colors are reserved exclusively for indicating exits and emergency exits.
Floral decorations	Floral decorations in synthetic materials must be kept to a minimum. Otherwise, these decorations must be made of M2 materials. These provisions do not apply to trade shows and stands specifically for floral activities. NOTE: For natural plants, use potting soil rather than peat, which must be kept permanently moist.
Furniture	There are no requirements for standard furniture (chairs, tables, desks, etc.). However, lockers, counters, shelving, etc. must be made of M3 (1) materials.

## 2. 5. Velums - Ceilings - False ceilings

Stands with a ceiling, false ceiling or full velum must have a covered surface area of less than 300 m<sup>2</sup>.

If the covered area exceeds 50 m<sup>2</sup>, appropriate fire extinguishing equipment must be provided at all times, manned by at least one safety officer, when the public is present.

Velums	Velums are authorized under the following conditions: - in establishments protected by an automatic sprinkler system (2), velums must be made of M0, M1 or M2 (1) materials, - in establishments not protected by an automatic sprinkler system, they must be made of M0 or M1 materials. They must also be fitted with an effective hanging system to prevent them from falling off, and be supported by a criss-cross network of wire forming meshes no larger than 1 m <sup>2</sup> . In all cases, the suspension and fixing of ceilings and false ceilings must be made of M0 materials. When insulating materials are placed in the plenum of ceilings and false ceilings, they must be made of M1 materials.
Ceilings and suspended ceilings	Ceilings and false ceilings must be made of M0 or M1 materials. However, 25% of the total surface area of these ceilings and false ceilings may be M2. This percentage includes light fittings and accessories. On the other hand, if the constituent elements of the ceilings and false ceilings are openwork or mesh, they can be M2 when the surface area of the solids is less than 50% of the total surface area of the ceilings and false ceilings.

(1) Or made so by fireproofing.

(2) This applies to all halls equipped with sprinkler systems.

# Fire safety regulations

## 2. 6. Fireproofing

Guarantees of the reaction-to-fire classification of materials used in exhibition halls must be provided on request by the safety officer, in the form of labels, official reports or certificates. Coatings and materials meeting safety requirements can be purchased from specialist retailers, who must supply the appropriate certificates for the material's classification. For a list of such retailers, contact GROUPEMENT NON FEU, 37-39, rue de Neuilly, BP 249, 92113 CLICHY (Tel.: 01 47 56 30 81).

Fireproofing can confer M2 quality on materials which, in their normal state, are moderately or easily flammable. It can be carried out by spraying with a special liquid, brushing on a special paint or varnish, or dipping in a special bath. Fireproofing work can be carried out either by the Stand designer, who must be able to provide full information on the treatment of the material, or by an approved applicator, who will issue the exhibitor with a certificate of an approved model, indicating: the nature, surface and color of the coating treated, the product used, the date of the operation, and the stamp and signature of the operator.

Contact details for approved applicators can be obtained from :  
GROUPEMENT TECHNIQUE FRANCAIS DE L'IGNIFUGATION, 10, rue du Débarcadère, 75017 PARIS (Tel.: 01 40 55 13 13).

**NOTE:** Fireproofing can only be carried out on wooden panels or on natural fabrics or fabrics with a high proportion of natural fibers. It is not possible on synthetic and plastic fabrics.

### **VERY IMPORTANT :**

Foreign reports cannot be taken into consideration.  
Only reports from approved French laboratories will be accepted.


# Fire safety regulations

## 3. Electricity

### 3.1 Electrical installations

The electrical installation of each stand must be protected at its origin against overcurrents and earth faults. All metallic grounds must be interconnected and connected to the ground of the stand's electrical connection box. Electrical connections must be made inside junction boxes. Electrical disconnecting devices must be permanently accessible to stand personnel.

### 3.2 Electrical equipment

Electrical cables	Electrical cables must be insulated for a minimum voltage of 500 volts, which prohibits the use of H-03-VHH (scindex) cables. Only use cables where each conductor has its own protective sheath, and all conductors are housed in a single protective sheath.
Drivers	The use of conductors with a cross-section of less than 1.5 mm <sup>2</sup> is prohibited.
Electrical appliances	Class 0 (1) electrical equipment must be protected by devices with a rated differential current of no more than 30 mA. Class I (1) electrical equipment must be connected to the protective conductor of the supply line. Among Class II (1) electrical appliances, those bearing the sign  are recommended.
Multiple sockets	Only multiple adapters or boxes from a fixed base (molded-in power strips) are allowed.
Halogen lamps (standard EN 60 598)	Stand lights with halogen lamps must : - be placed at a minimum height of 2.25 m, - be kept away from all flammable materials (at least 0.50 m from wood and other decorative materials), - be securely fastened, - be fitted with a safety screen (glass or fine-mesh mesh) to protect against the effects of any lamp explosion.
High-voltage illuminated signs	High-voltage illuminated signs within reach of the public or stand personnel must be protected, particularly the electrodes, by a screen of at least M3 material. The switch must be clearly marked, and the transformers placed in a place where they cannot cause any danger to people. If necessary, a "Danger, high voltage" sign should indicate their presence.

# Fire safety regulations

## 4. Lobby rooms

In addition to the areas reserved for exhibitions, meeting rooms, restaurants, cinemas, presentation rooms with podiums or bleachers, etc. may also be set up. Grandstands and bleachers with standing places must have a floor resistance of 600 kilos per m2. Grandstands and bleachers with seats must have a floor resistance of 400 kilos per m2. Steps leading up to bleacher seats may be no less than 0.10 m and no more than 0.20 m high, with a tread of no less than 0.20 m. In this case, the number of flights of steps is limited to 10, and the alignment of the nosing of the steps must not exceed 45°.

As each case is unique, a detailed plan must be submitted to the safety officer, who will define the measures to be applied.

## 5. Cooking and heating in the halls

Heating	As the safety commission prohibits all gas heating systems in the halls (in accordance with articles T27 and CH56 of the ERP legislation and regulations), we inform you that only electric heaters (auxiliary heaters, electric parasols, etc.) are authorized.
Cooking	According to the specifications of the Rennes Exhibition Centre, all cooking facilities are strictly forbidden inside halls and temporary structures open to the public. Only appliances that keep food hot, such as hot-water tanks or infra-red lamps, and self-service microwave ovens with a power rating of 3.5 KW or less, are authorized.

## 6. Rescue equipment

Emergency equipment must remain visible at all times. Access to the various emergency equipment (hydrants, fire hydrants, fire hydrants, telephone stations, fire extinguishers, smoke evacuation hatch controls, etc.) must be kept clear at all times.

On stands equipped with an armed fire valve, a one-metre passageway in front of the device must be kept free of any material up to the public aisle. The use of panels or fabrics to conceal the device is absolutely forbidden.

# Fire safety regulations

## 7. Operating instructions

It is forbidden to store wooden crates, straw, cardboard, etc. in the exhibition areas, stands and clearances.

Regular (daily) cleaning must rid the premises of dust and garbage of all kinds. All waste and garbage from cleaning and sweeping must be removed daily, before opening time, and transported out of the hall.

## 8. Accessibility for the disabled

Reception desks, bars and buffets	They will have a usable shelf of less than 0.80 m, with a void at the bottom of at least 0.30 m deep, 0.60 m wide and 0.70 m high to accommodate the feet and knees of a wheelchair user.
Raised floor	Stands with a floor height of 2 cm or more will be fitted with a device to facilitate access for the disabled.  Raised floors will include access ramps complying with the following values: <ul style="list-style-type: none"><li>- 5% over 10 m,</li><li>- 8% over 2 m,</li><li>- 10% over 0.50 m,</li><li>- 33% for a 4 cm threshold.</li></ul>