

# TECHNICAL INFORMATION

## FOR EXHIBITORS IN THE OUTDOOR EXHIBITION AREA

This information sheet for exhibitors in the outdoor exhibition area of Platformers' Days provides supplementary notes and explanations to the generally applicable Technical Guidelines of Karlsruhe Trade Fair Centre. Unless otherwise specified here, the Technical Guidelines of Karlsruhe Trade Fair Centre apply, which can be viewed [here](#).

### 1. Stand space / inspection of the rental space in the outdoor exhibition area

The stand area specified in the stand confirmation will be marked by the Organiser on the floor of the outdoor exhibition area. The stand must be built on this area. The Exhibitor must expect slight deviations in the stand dimensions. Claims cannot be made against Messe Karlsruhe due to deviations from the dimensions stated in the stand confirmation.

In the outdoor exhibition area of Platformers' Days, the Exhibitor must maintain a safety clearance of 1.0 m to the neighbouring stand when planning the installed stand infrastructure. Any supply lines, distribution boxes, etc. present must be taken into account during all assembly and dismantling work. If these are located within individual stand spaces, they must be accessible at all times.

### 2. Surfaces and damages to them in the outdoor exhibition area at Platformers' Days

The outdoor exhibition area of Platformers' Days has a range of different surface conditions. The incline in the outdoor exhibition area varies from location to location due to structural conditions. The technical project management of Messe Karlsruhe will provide more information.

Damage to the surfaces (e.g. excavations for foundations, pits, pipelines, cable trenches, flagpoles, pegs, etc.) is prohibited without the approval of Messe Karlsruhe. Approval must be requested from Messe Karlsruhe in good time, no later than six weeks before the event. Insofar as approval is granted, the communicated instructions and obligations to bear costs must be taken into account. The spreading of material (e.g. bulk goods like wood chips or gravel) of any kind and in any quantity is subject to the approval of Messe Karlsruhe.

### 3. Stability

Exhibition stands, including their equipment, exhibits and promotional materials, must be erected in such a way that they are stable and do not constitute a risk to life, health, public safety or order. Stability must be ensured during every phase of construction (assembly, alteration, dismantling).

The Exhibitor is responsible for the stability and load-bearing capacity of all constructions and exhibits. The local conditions (e.g. ground loading, assumed wind and snow load, terrain suitability, structures and installations) must be taken into account. Statically supporting anchorings and brackets, as well as those relevant to stability, on necessary ballast weights, or those used to secure free-standing masts or advertising hoardings in place, must be made from non-flammable materials. This applies in particular to the ballast connection of temporary structures such as tents and stage roofs. In certain cases, additional special requirements for stand construction may be made, in order to achieve and ensure the main safety goals for the specific event.

Upright structural elements or special constructions (e.g. free-standing walls, tall exhibits, tall decorative elements) that may fall over must be able to withstand the horizontally impacting equivalent distributed loads and be designed in line with the current state of the art. The reference surface in such cases is the respective visible surface.

### 4. Stand construction approval

All exhibition stands in the outdoor exhibition area are subject to notification and/or approval, with no exceptions. This is done by submitting the relevant applications in the Online Service Centre no later than six weeks before the start of assembly.

### 5. Testing and approval of structures requiring approval

Scale stand plans to a scale of at least 1:100 with layout and elevation diagrams must be submitted to Messe Karlsruhe in digital format and in German for approval no later than six weeks before the start of assembly. After inspection, the Exhibitor/stand builder will be sent a response or the approval note. The stand construction is only approved when the approval note has been issued.

Documentation is required for the approval of:

- Two-storey and multi-storey buildings
- Cinemas or auditoria
- Structures in the outdoor exhibition area of Platformers' Days, as well as special constructions (e.g. free-standing walls, tall exhibits, tall decorative or artistic elements, tents, stages including any rooms and side cladding, seating stands, show and stage trucks with trailer sections or stage elements that can be

driven on or installed beneath, free-standing scaffolding or advertising hoardings, LED walls, PA towers, all other accessible and/or covered stands that are free standing or form an enclosed space, such as pedestals, multi-storey pavilions and container systems, textile stand construction elements). The following documents must be submitted in digital format and in German no later than six weeks before the start of assembly for the purposes of checking for approval of these structures:

- a. Verified static load calculation according to German standards
- b. Structural description
- c. Stand construction drawings at a scale of 1:100 (floor plans, elevation diagrams, cross-sections), construction details on a larger scale
- d. Evacuation route plan with proof of the lengths and widths of the evacuation routes

Items a) and b) may be omitted if the Exhibitor submits an inspection log book/type test. The costs of the approval procedure and building approval procedure will be charged to the Exhibitor/stand builder. The documents and valid inspection log books required for acceptance and approval must be held at the stand for approval prior to the start of the event. Messe Karlsruhe reserves the right in justified cases to arrange for a chargeable inspection of stability by a structural engineer.

An audited verification of stability must be submitted for the erection of mobile constructions. Tents with a floor space of < 75 m<sup>2</sup> and similar structures shall always be deemed temporary structures. They are only exempt from the issuing of a model approval and official approval. Despite this, these structures must still be stable enough to meet the technical specifications and requirements for temporary structures (including as per DIN EN 13 782).

### 6. Vehicles, machines and containers

Vehicles, machines and containers of all kinds must be registered with Messe Karlsruhe and require authorisation.

Machines/vehicles that are operated for demonstration purposes at the stand space or in the show areas are subject to the following provisions, which deviate from those detailed in section 3.11 of the Technical guidelines of Karlsruhe Trade Fair Centre:

- a) For machines/vehicles with combustion engines, the content of the fuel tank does not have to be reduced to the minimum required

for entering and exiting the exhibition area.  
b) For machines/vehicles with alternative drive systems, e.g. electric or hybrid drive, the traction batteries do not have to be separated from the drive via a safety clamp switch (main switch), and the charge level of the vehicle battery does not have to be reduced to the minimum, uncritical level required for entering and exiting the exhibition area, as well as for the demonstration.

If special safety measures are required for these exhibits, these shall be imposed on the Exhibitor during the course of the stand approval by Messe Karlsruhe.

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## 7. Acoustic and visual performances

The operation of acoustic equipment and audio-visual performances of any kind by the Exhibitor is subject to written notification and the approval of Messe Karlsruhe. For musical performances and product presentations, the noise level must not exceed 60 dB(A) at the boundary of the stand. Repeated failure to comply with these regulations may result in the interruption of the power supply to the Exhibitor's stand, regardless of the effect on the stand as a whole. The Exhibitor shall not be entitled to claim compensation for direct or indirect damage resulting from the interruption of the power supply. The burden of proof for compliance with the regulations lies with the Exhibitor.

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## 8. Use of balloons, flying objects and drones

The use of flying objects and drones in the outdoor exhibition area is strictly forbidden. This applies during the assembly and dismantling periods, as well as during the event. Exceptions must be approved in advance by Messe Karlsruhe. This also applies to the use of balloons and the distribution of balloons to visitors; the use and/or distribution of balloons requires the prior approval of the trade fair/exhibition management. Balloons may only be filled with non-flammable and non-toxic gases. They must not interfere with neighbouring stands or pose a danger to persons

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## 9. Electrical installations

Connections to the existing electricity supply network may only be performed by specialist companies familiar with the venue and approved by Messe Karlsruhe. It is also recommended that exhibitors commission the specialist companies approved by Messe Karlsruhe for corresponding work within the stand. Electrical equipment can be installed at the exhibition stands by the Exhibitor's own specialists or authorised specialist companies, as per the current EN and DIN standards, the standards of the Association of German Electrical Engineers (VDE), the VdS guidelines and the recognised rules of sound engineering practice. All works must comply with the relevant safety provisions and accident prevention regulations. The main switch and power distribution unit of the exhibition space must be designed in such a way that they are accessible at all times. The protective earth conductor must be connected on all devices, lights and other equipment. Protective earth

conductors (PE = yellow and green) must be routed in all cables and connected.

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## 10. Warning in the event of severe weather

In the event of expected severe weather events, a general severe weather warning will be issued to Exhibitors in the outdoor exhibition area of Platformers' Days. In this case, exhibitors with temporary structures or stand constructions that can be easily dismantled in the event of wind load are required to immediately take all necessary measures to stop operations. If using mobile installations (e.g. small exhibits, furniture, sunshades, advertising displays), exhibitors must ensure that these can be disassembled and stored at short notice and at any time in the event of a corresponding weather warning. Suitable storage facilities must be available for presentation at the exhibition stand.

For the purposes of direct alerting to the stand constructions/pavilions/structures in the event of severe weather, exhibitors must provide the technical project management with the name and mobile phone number of the person(s) with lead technical responsibility. These persons must be present at the exhibition stand during the assembly and dismantling times, as well as during the event, and must be able to immediately initiate and conduct the required measures for stopping operations. The instructions of the locally active safety and security staff, as well as the staff of Messe Karlsruhe, must be followed at all times and immediately.

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## 11. Lightning protection

Structures and exhibits in the outdoor exhibition area of Platformers' Days must have effective lightning protection systems if their position, construction or use could lead to them being exposed to a lightning strike or flashover, or if such an event could lead to severe consequences. Furthermore, all temporary stand structures and exhibits in the outdoor exhibition area measuring over 12 m in height must always be fitted with a lightning protection system in line with the relevant DIN standards.

Lightning protection systems must undergo a verified approval/functional test performed by a professional constructor, expert or inspector for electronic engineering (lightning protection). The test report must be available for presentation.

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## 12. Heating

The use of compressed and liquefied gas for heating purposes is prohibited. The operation of suitable oil-fired heating systems/equipment for stand constructions is subject to approval by the technical management of Messe Karlsruhe. Such systems, including their tanks, always require approval and are subject to special safety and protection requirements. Electrical heating systems inside stand constructions are permitted insofar as they and any cables are firmly secured. Parts that glow hot during operation must not be exposed. There must be at least 1 m of clearance between the rear and side panels of radiant heaters or blower heaters and any flammable objects.

## 13. Safety obligations/occupational safety/accident prevention including special requirements for Exhibitors who operate vehicles/machines or similar on their own stand

The Exhibitor is responsible for operational safety and compliance with occupational safety and accident prevention regulations at their stand space.

The Exhibitor must check the suitability of the stand space for operating machines/vehicles for the intended purpose in good time before starting assembly of the stand space. Demonstration areas on the stand space are subject to approval.

The following must be observed/complied with for all machines/vehicles that are put into operation during the Platformers' Days:

- All machines/vehicles operated during Platformers' Days at the Exhibitor's stand space or in show areas must have a CE declaration of conformity that the Exhibitor can present and/or verify upon request.
- All machines/vehicles must comply with the currently valid legal requirements.
- Any dust emissions caused by the operation of machines/vehicles must be minimised.
- All obstructions to aviation (mobile cranes, boom of aerial working platforms) from a height of 30 m on the exhibition grounds of the Karlsruhe Trade Fair Centre, must be marked. A coating of yellow, red or orange paint is sufficient as a daytime marking. If other colours are used, a warning sign (red and white) must be fitted at an exposed position. For night-time marking, cranes/aerial working platforms must be illuminated or marked with lights according to the German General Administrative Regulation for the Identification of Aircraft Obstructions (Allgemeine Verwaltungsvorschrift zur Kennzeichnung von Luftfahrthindernissen).
- Machines/vehicles with supports must be provided with packing plates. The supports must not protrude beyond the marked stand boundary.
- The movement of machines/vehicles within the stand space is only permitted within the approved demonstration area. The demonstration area must be secured against unauthorised access through suitable structural measures (e.g. barriers, warning tape, etc.).
- The movement of machines/vehicles beyond the boundaries of the stand (e.g. the driving of aerial working platform baskets transporting people at height across the visitor walkways) is prohibited.
- The machines/vehicles may only be operated and demonstrated by trained and qualified personnel who have been authorised by the Exhibitor.
- All persons must wear appropriate personal protective equipment (PPE) during any operation of machines/vehicles for the purposes of transporting persons.
- The Exhibitor is liable for any personal injury or property damage arising from the operation of the exhibited machines/vehicles, etc.