

■ Preliminary remark

This Notice provides supplementary information and explanations on the Technical Guidelines and explains the technical specifications and requirements for stand structures to be erected on the premises (halls/loading yards/outdoor space) of Messe München GmbH that are subject to approval.

Depending on the location of a planned container structure, additional requirements may apply (e.g. installation of a sprinkler system).

■ Load assumptions

Permanent loads (DIN EN 1991-1-1 NA): Ceilings, floors, outside and inside walls

| Live loads as per usage DIN EN 1991-1-1/NA, Tab. 6.1 DE, in conjunction with Messe München GmbH's Technical Guidelines | Category | Live load | |
|---|----------|-----------------------|-----------------|
| | | qk (distributed load) | Qk (point load) |
| Office areas for meetings and customer care (furnishing with tables and chairs, freely arranged or in meeting booths) | C1 | 3.0 kN/m ² | 4.0 kN |
| Corridors in the area of aforementioned office space | B2 | 3.0 kN/m ² | 3.0 kN |
| Usage as showroom and sales area, as assembly room (with or without close seating) | C3 | 5.0 kN/m ² | 4.0 kN |
| Corridors in the area of aforementioned exhibition spaces | B3 | 5.0 kN/m ² | 4.0 kN |
| Stairs and/or stair landings | T2 | 5.0 kN/m ² | 2.0 kN |
| Tiebar loads (for parts protecting against falling) | | 1.0 kN/m | – |

■ Documents to be submitted

– Installation plan

Scaled installation plan with details of the container types used as well as details of the foundations planned and any necessary coupling of the individual containers.

– Welding approval verification, certificates, etc.

– Type-tested documents

Approval of the containers taking account of the wind, snow loads and live loads to be assumed at the setup location (see table).

The documents listed in the type test report are (on request) to be submitted in full (including test stamps, all annexes, etc.).

Should the type-tested documents deviate from the values shown in the table in respect of the live loads assumed, the general option of extending the area of application of the type-tested containers by way of addendums or supplements is available. These documents are to be submitted in a verifiable form (see following explanations).

– Object-related static calculation

Should no (type-)tested documents for the planned use be available, verifiable static structural documents (including stability approval, e.g. for bracing including wind loads and tilt loads, curvature, detailed verification for frame corner casts/bracing, screw connections and weld seams, for local load introduction with struts, floors with introduction of point loads across an area of approx. 5 cm x 5 cm, if necessary for outer walls, fittings, tensile anchorage, canopies, stairs including connections, foundations including v- and h-loads, etc.) are to be submitted with sufficient lead time for verification.

As a rule, the container roofing is not able to withstand additional loads. If the container roof is to be used (superstructures, persons), a suitable substructure (floorpan) is to be selected to feed the loads to the transfer points (such as container corner casts) intended for this purpose. Static structural documents, as described above, are to be submitted for the substructure too.

– Manufacturer's declaration

Should the load-bearing components no longer be accessible, a manufacturer's declaration must be submitted certifying that execution is in compliance with the (tested) static structural documents.