

## INSTRUCTIONS FOR EXHIBITORS, SERVICE PROVIDERS AND STAND CONSTRUCTORS

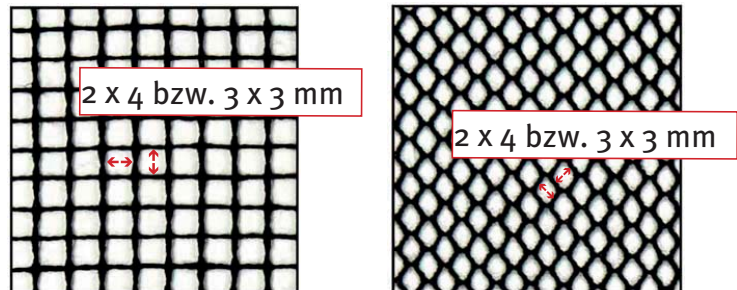
**Stand ceilings** - Excerpt from the Technical Regulations of ACHEMA 2021 (4.4.2)

In order to ensure that sprinkler protection is not impaired, stands on the exhibition levels must always be open at the top.

**Ceilings — sprinkler-compatible — without compensatory measures:**

The ceilings of stands shall be regarded as open if no more than 50% per each m<sup>2</sup> of the area is covered. Sprinkler-compatible, open-mesh ceiling fabric having apertures measuring at least **2 x 4 mm** or **3 x 3 mm** (no Smoke Out) is approved for use. Tarpaulins shall be stretched horizontally and in a single layer only. Sagging of the ceiling shall be avoided.

Sprinkler-compatible ceiling materials — examples:

**Requirements for ceiling materials:**

All stand ceiling materials must comply with construction materials class B1 of DIN 4102, and/or class B/C s1 do of EN 13501-1, i.e. they must be flame-retardant and must not drip while burning or generate toxic gases. A copy of proof of compliance must be kept at the stand.

**Ceilings — closed — with and without compensatory measures:**

Up to 30 m<sup>2</sup> of contiguous ceiling area per stand, but no more than 50% of their total floor area, may be covered without any additional measures being necessary. In order to avoid exceeding the maximum area of 30 m<sup>2</sup> in the case of several adjoining ceiling areas, minimum spacing of 1.50 m to the boundaries of the stand shall be maintained. Several ceiling areas of up to 30 m<sup>2</sup> in size are also permitted within a stand, provided that a minimum distance of 3 m is maintained between the areas. If adjoining ceiling areas (**including those between two or more stands**) exceed 30 m<sup>2</sup>, corresponding compensation measures shall be necessary.

The installation of corresponding compensatory facilities (1. Fire alarm system, 2. Wall hydrant, 3. Visual/acoustic alarm, 4. Automated smoke extraction system, 5. Sprinkler system) is to be performed by Messe Frankfurt contractors and entails a fee.

A permit is required for closed ceilings larger than 30 m<sup>2</sup>.

Stand drawings shall be uploaded for approval in the Exhibitor Portal at [www.achema.de/exhibitorportal](http://www.achema.de/exhibitorportal) by **14 April 2021**.

With two-storey constructions, ceilings as exhibits and darkening systems, closed ceilings can be permitted with certain restrictions.

All requirements relating to the installation of closed ceilings can be found under **item 4.4.1, Tables 1 and 2, of the Technical Regulations ACHEMA 2021**.