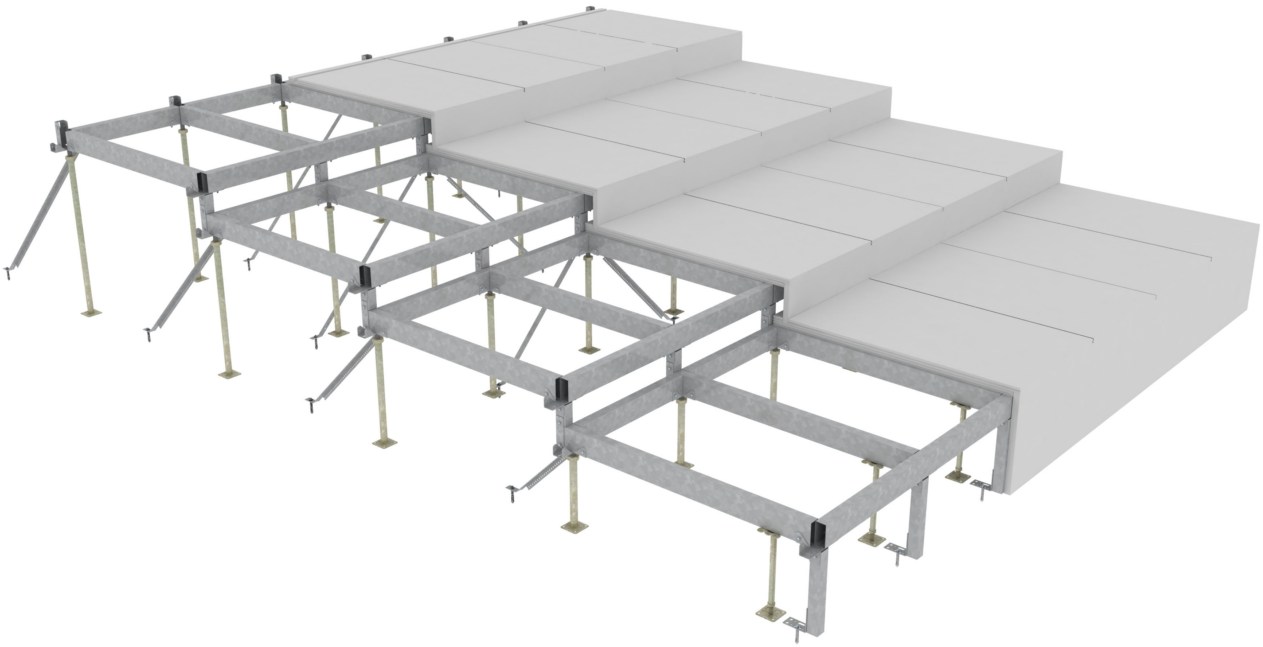
Lindner
FLOOR and more® arena



Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

The substructure

The substructure of FLOOR and more® arena is made of pre-fabricated steel profiles which are simply screwed together by using connectors.

The most different kinds of subfloors can be considered with the planning.

The substructure can be installed on even as well as on sloped concrete subfloors. Also an already existing stepped subfloor is no problem.

The substructure is installed directly on the subfloor, however, acoustical decouplings can be considered with the installation.

The planking (calciumsulphate)

Already pre-fabricated calciumsulphate panels are installed on the substructure.

Advantages:

- The horizontal calciumsulphate elements are glued together with the already proven FLOOR and more® interlocking.
- With standard step runs (800 – 1,200 mm) the installation elements are pre-fabricated to the respective height.
- Revision openings and installation notches (step lighting, air outlets) can be already considered with the production of the calciumsulphate installation elements.
- Usage of the resulting cavity as a pressure floor (open air ducting): The subfloor is coated with a special 2-component epoxy resin subfloor sealant. The installation elements can be provided with an aluminium foil at the lower side as an additional humidity barrier.
- Trapezium or round steps make a radial realisation possible.
- One-layer structure of the step planking

Advantages of the Lindner tribune construction

1. Very short installation period due to the high degree of pre-fabrication.
2. Increased fire safety because of fully non-combustible calciumsulphate panels as planking.
   Building material class A1 acc. to DIN 13501
3. Loadability of 5 kN/m² (acc. to meeting place regulation) as well as 4 kN point load.

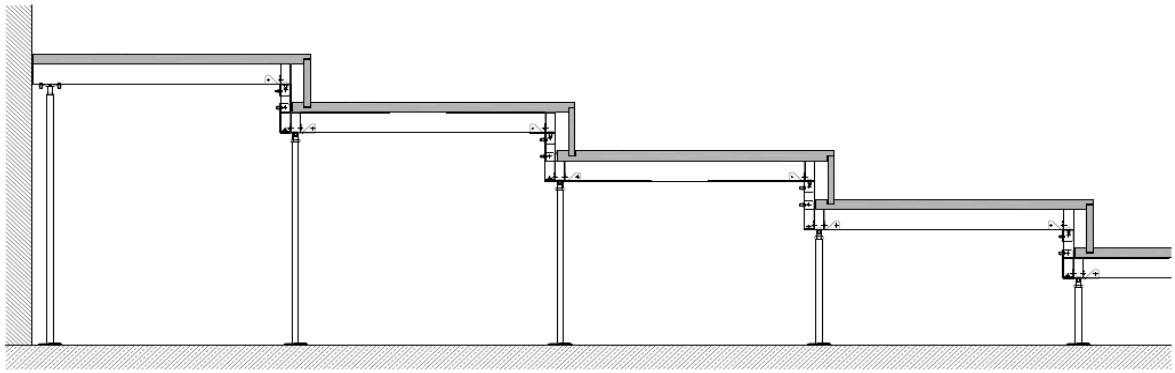
Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

4. Evidence (can be tested) is given by type statics.
5. The sound decoupling of the system can be effected between the planking and the substructure as well as between the substructure and the structural shell.
6. All subfloor types (even, sloped and stepped) can be equipped with a Lindner tribune structure.
7. Environmental friendliness of the planking (recycled raw material).
8. Suited as a pressure floor with aluminium foil at lower side.
9. Solid planking → no drum effect.
10. Free space for equipment and installations.
11. All types of coverings are possible.
12. Acoustic concepts for complete rooms are possible.
13. Round and straight constructions are possible.
14. Fulfils requirements of sustainability (e.g. LEED, DGNB).
15. Substructure for chairs available.

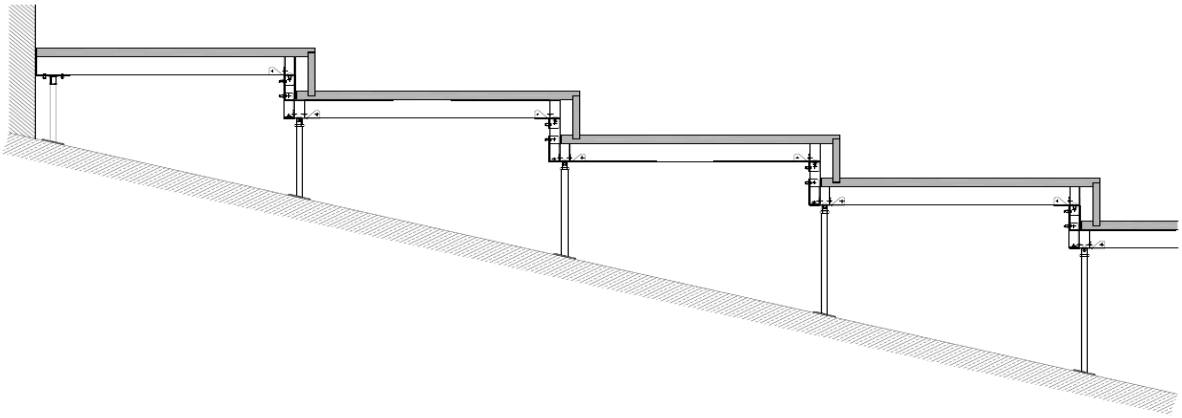
Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

Possible variants

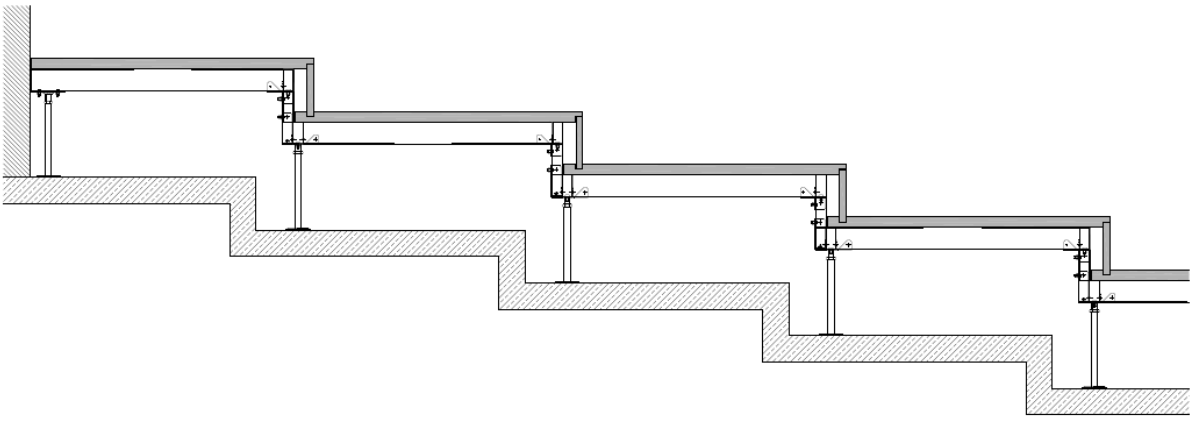
Even subfloor



Sloped subfloor



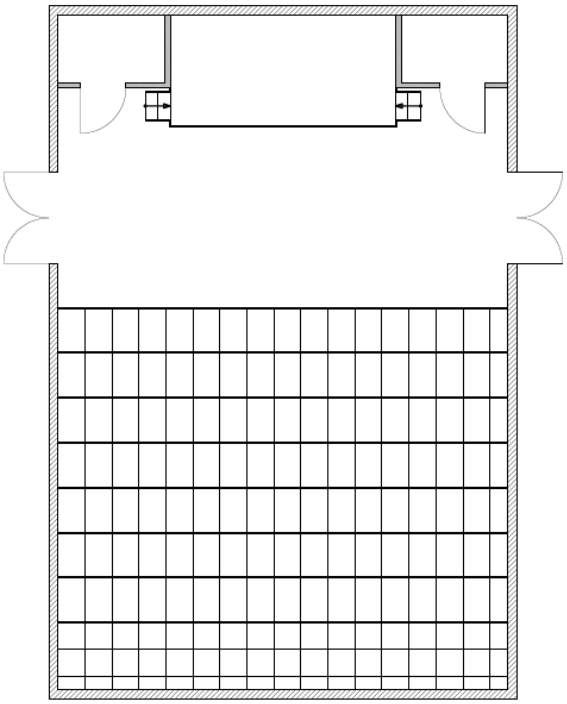
Stepped subfloor



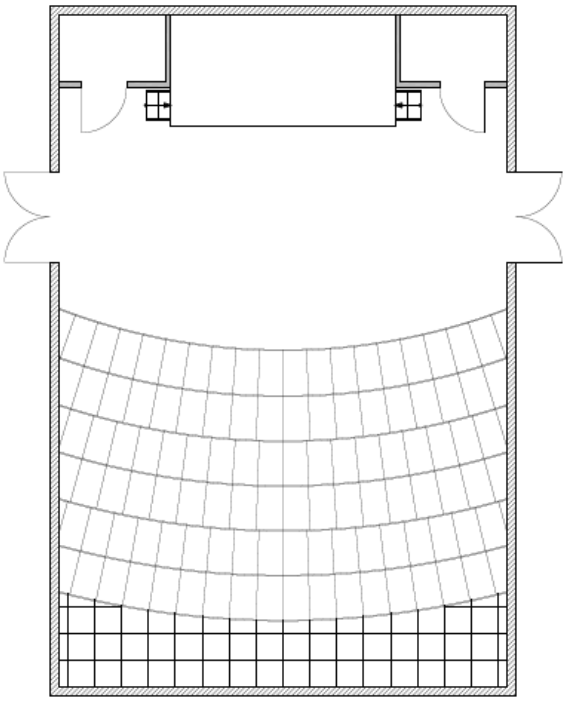
Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

Variants as a layout plan

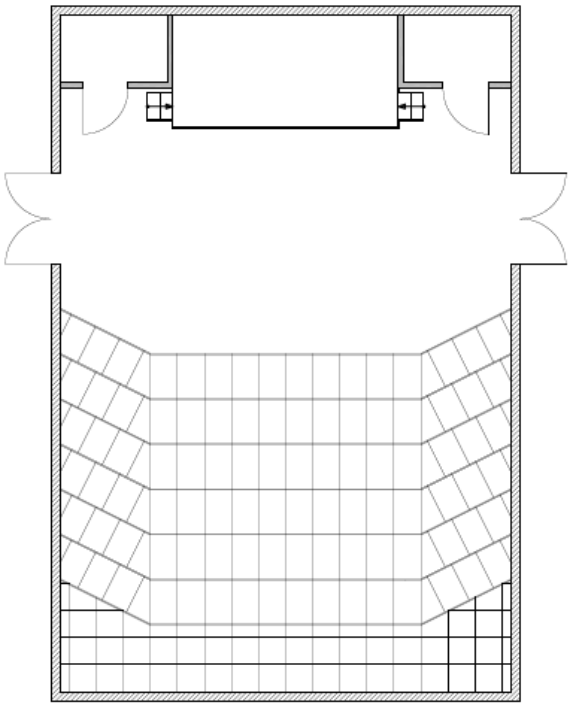
Linear variant



Radial variant

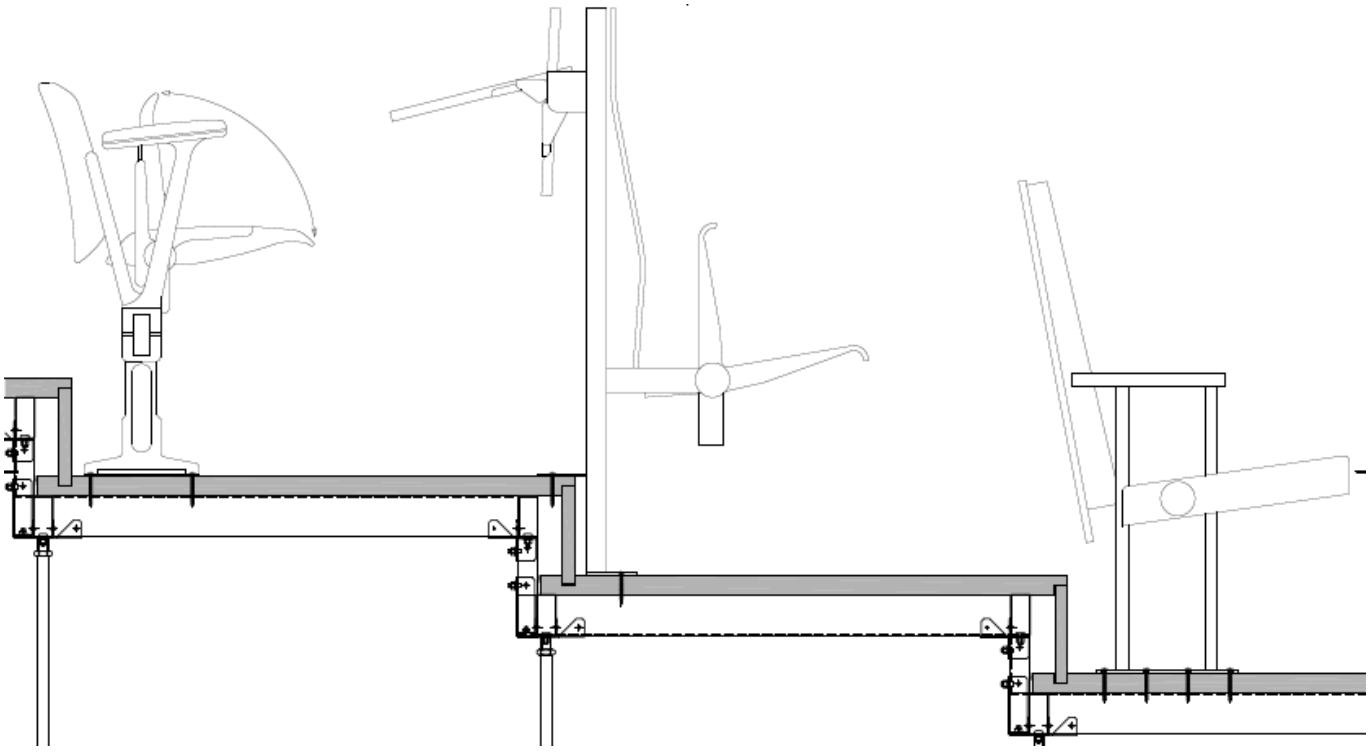


Polygonal variant



Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

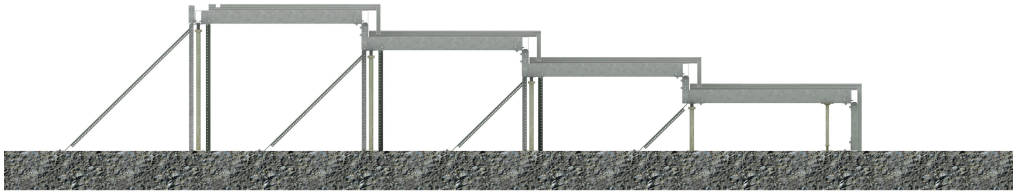
Possibilities of the fixing of chairs



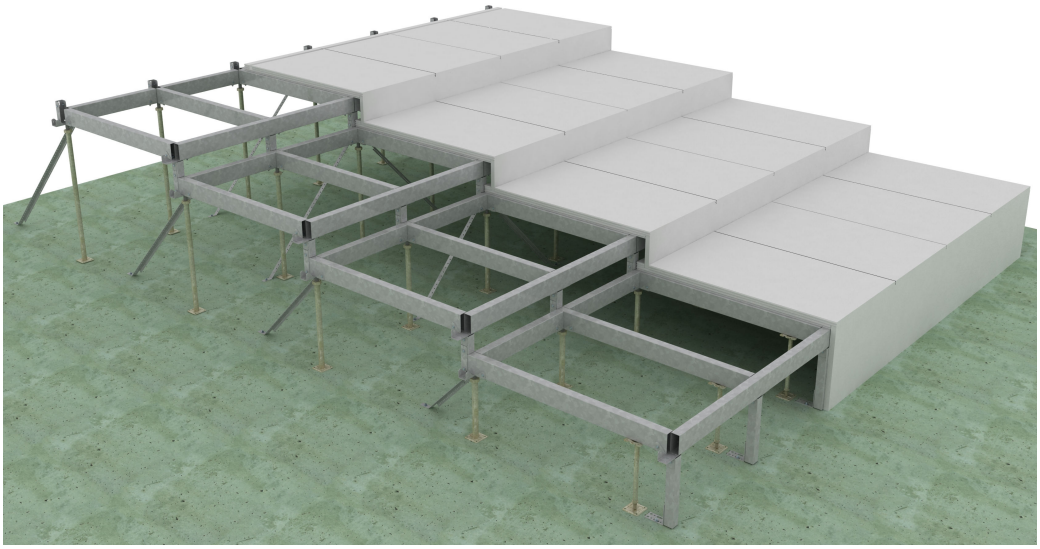
Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

Structures in detail

Variant 1

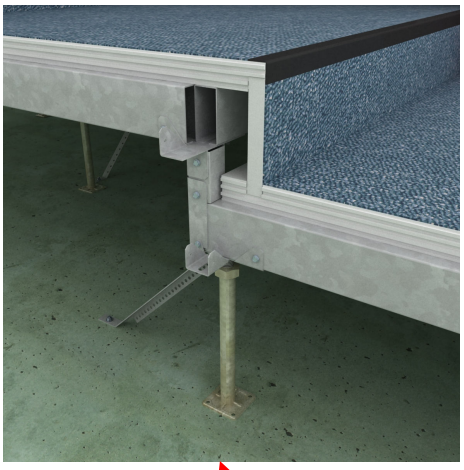


System cross-section FLOOR and more® arena

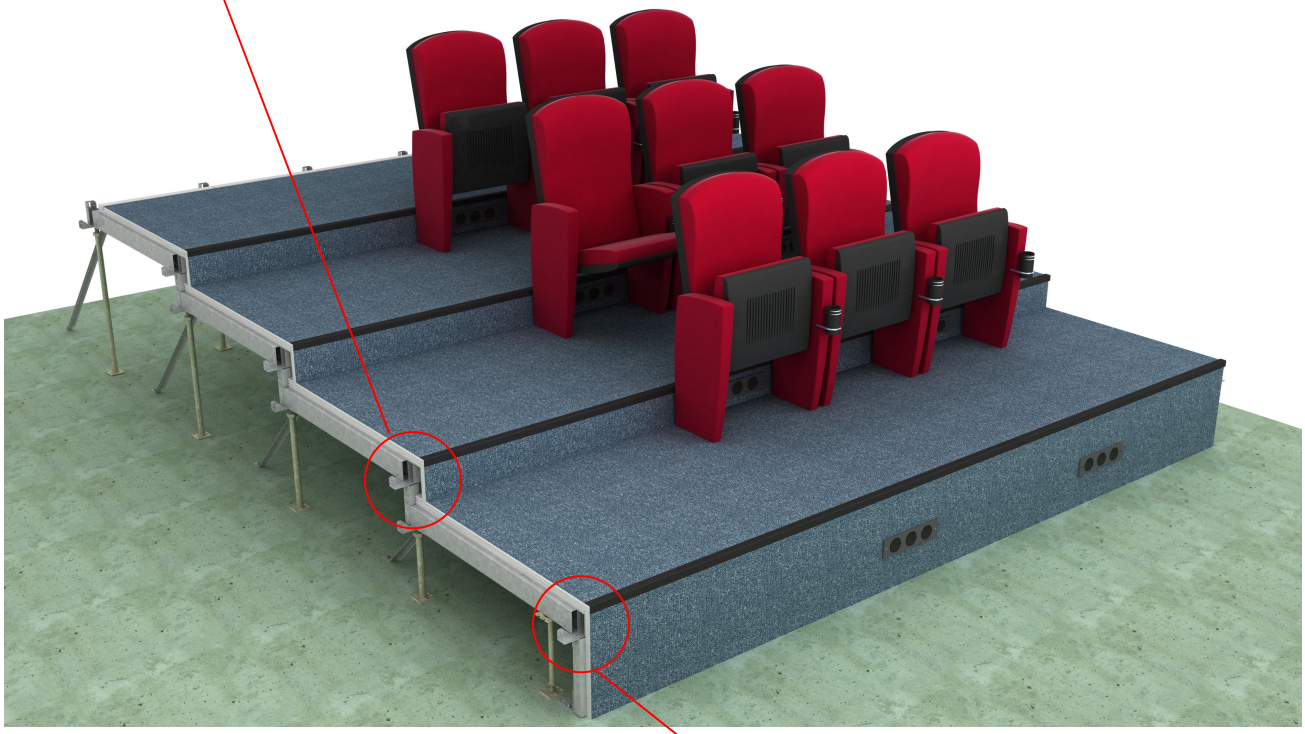


FLOOR and more® arena
Planking installed on substructure

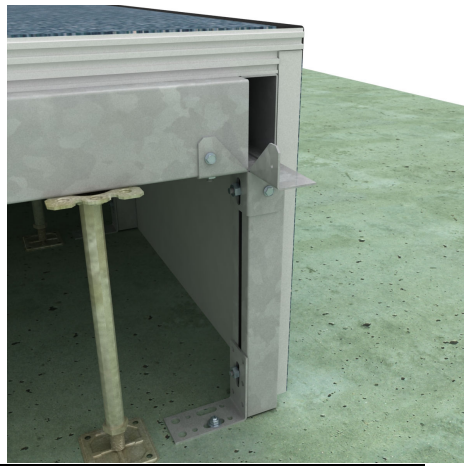
Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com



Detail of the front edge of the step
SK-connector on the inside and outside with installed riser

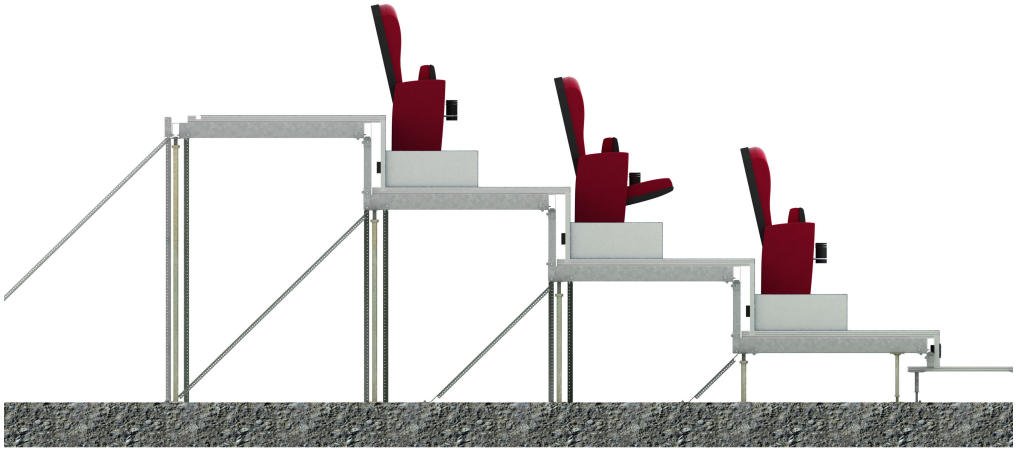


Detail of the base of the tribune structure with fixed riser.

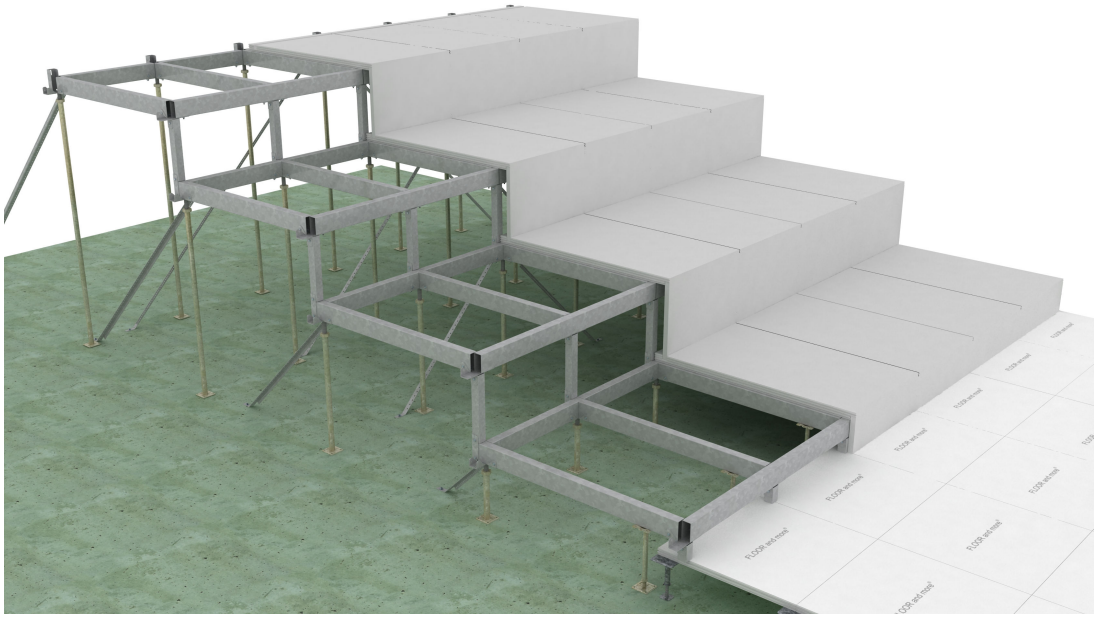


Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com

Variant 2

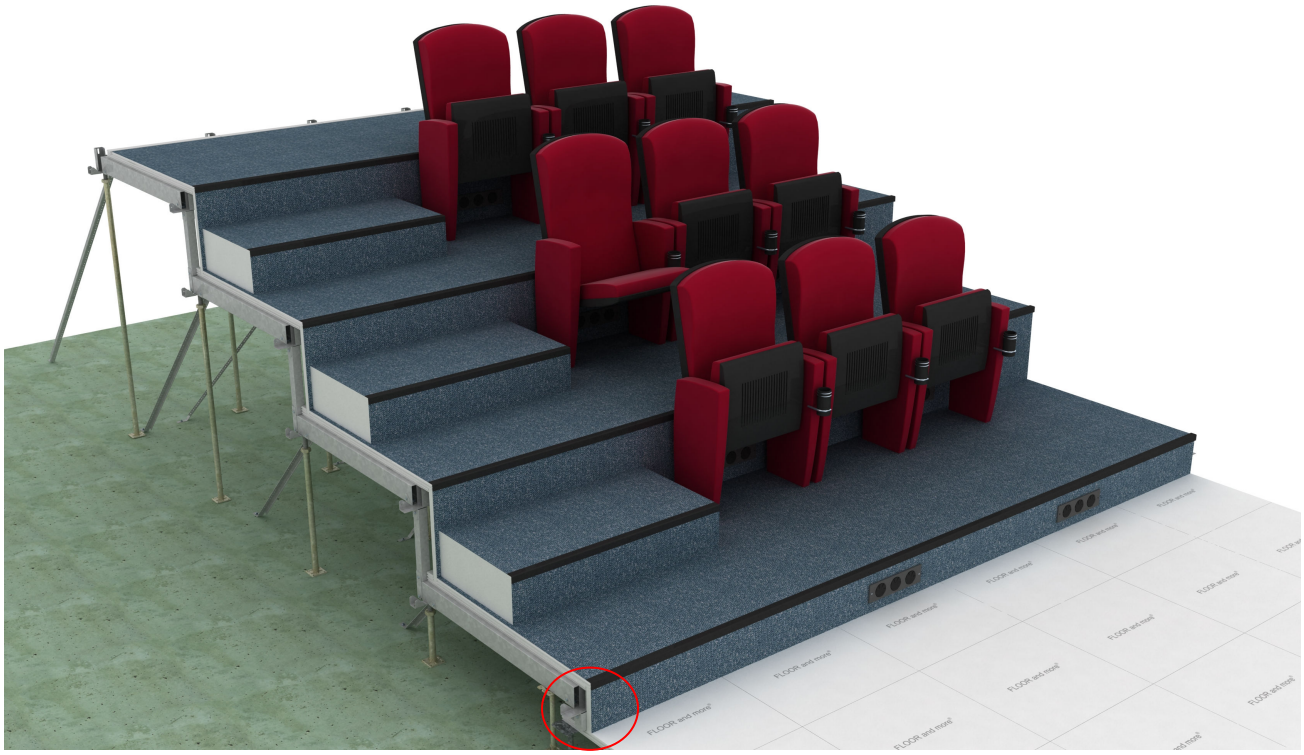


System cross-section FLOOR and more® arena

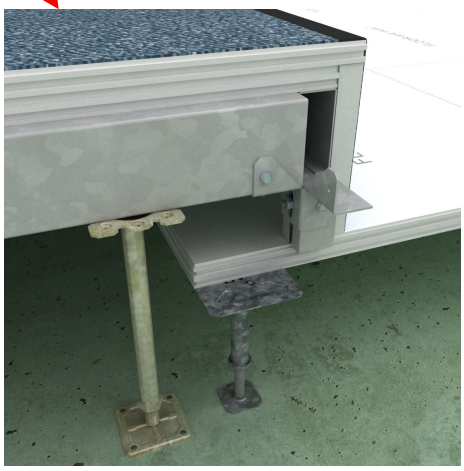


FLOOR and more® arena
Substructure with planking whose base is connected to a FLOOR and more® system.

Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com



Detail of the base with connection to the hollow floor system type FLOOR and more®.



Lindner AG, P.O. Box 1180, 94420 Arnstorf, Germany, Tel. +49 (0)8723/20- 36 82, Fax +49 (0)8723/20-1 24 27, www.Lindner-Group.com, floorsystems@Lindner-Group.com