

Specifications

The mezzanine floor we enjoy offering to you was designed and tested in accordance with European norms and regulations:

- EUROCODE norms that regulate the calculation methods, the tests and the safety coefficients as far as resistance and stability of the installation are concerned.
- FEM 10.2.02 European regulations that regulate the structure and structure parts controls.
- Our calculation and test methods that allowed us to draw up the mechanical characteristics of the mezzanine floor were controlled and certified by the Control Board NORISKO (DEKRA Group).



Mezzanine floor



**PF04 with
galvanised beams**



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Mezzanine floor PF04

Technical data

Uprights:

Tubes 100x100x3 mm, 120x120x3 mm or 120x120x5 mm.

Main and secondary beams:

Main beams made out « C »-profile or reinforced « C »-profile.

Many possible sections:

Height: 150, 180, 200, 250, 300, 350, 400 mm

Width: 50, 80, or 100 mm

Thickness: 2, 3 or 4 mm.

- The main and secondary beams made out of steel C-profiles with high elasticity are calculated in order to show a maximum flexion of 1/300.
- Assembling between main, secondary beams and uprights is made with 8,8 screws.



Assembling upright/beam

Floors:

- 30 mm natural chipboard or 38 mm chipboard with white underside:
 - Optimised laying of the chipboard on the structure.
 - Optimised quantity of secondary beams = improved structure price.
- Steel floor:
 - With its new design, **all beams are in the same direction.**
 - This is compulsory when you use steel floor such as grating, steel trays or steel plates.

Accessories:

Many accessories give you the opportunity to meet your requirements: safety gate, upright guard, leaf gate...

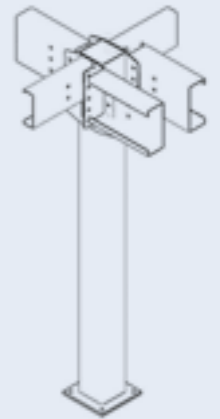
Its stability allows the construction of offices on and under the mezzanine floor

Secure

- High secure strong conception in accordance with European norms and regulations [Eurocode 3 and F.E.M.10.2.02]
- The floor is totally flat thanks to the assembling system of the beams. The floor is supported all along the beams

Performing

- Better optimisation of the structure
- Big widespan and distance between beams are possible
 - Examples: - Widespan 6,50 m between uprights with load 350 kg/m²
 - Widespan 6 m between uprights with load 500kg/m²
- loading capacity up to 1 ton/m²
- Galvanised version for inside use in wet environment
- Future extension is always possible : connectors are welded on all uprights
- Minimum number of perforations on main and secondary beams.

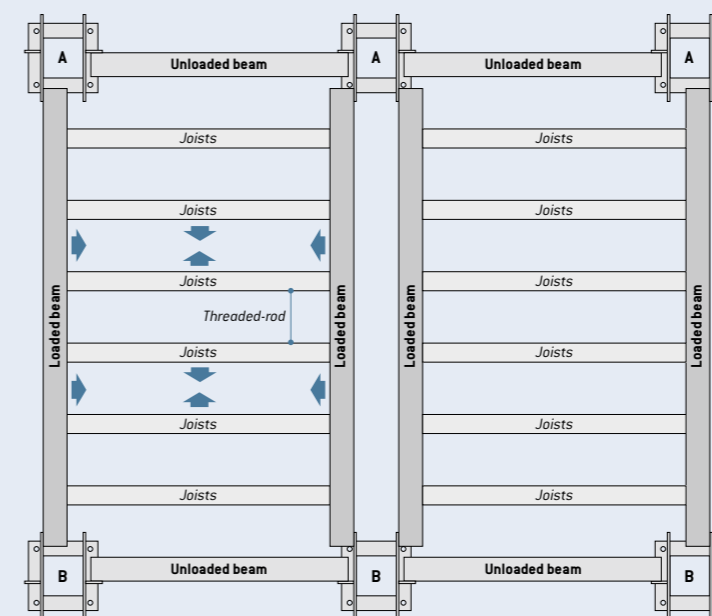


Nice-looking beams

- Perforation only where necessary
- All beams in the same direction
- Galvanised version is standard
- Bigger distance between beams.

Easy assembling

- Easy thanks to the conception of the beams and their assembling
- Open « C » profiles
- Quick assembling: the secondary beams are bolted on the main beams without intermediate profile.



Scheme of assembling

Opening way of the main and secondary beams indicated with arrows

