

PRODUCT DATA SHEET

Modular mezzanine floor system

Bolted steel platform for warehouses, factories and retail

A bolted, fully demountable steel mezzanine designed for each building and load. Columns land on base plates with chemical anchors, so most floors are installed without new footings once the slab is checked by the engineer.

Load classes

Class	Imposed load	Typical use
L2.5	2.5 kPa	Offices, light storage, plant walkways
L5	5.0 kPa	General storage, shelving, retail
L7.5	7.5 kPa	Heavy storage, archive rooms
L10	10.0 kPa	Pallet storage, light machinery

Typical grid

Item	Standard	Range
Column grid	4.0 x 6.0 m	3.0 to 7.5 m
Clear height under beams	3.0 m	2.4 to 5.0 m
Columns	Square hollow section	100 to 200 mm
Primary beams	Universal beam	250 to 460 mm deep

Deck options

Deck	Notes
Chequer plate 6/8 mm	Hard-wearing, suits trolleys and pallet trucks; galvanised or painted
Steel grating	Lets light and sprinkler water through; plant rooms and walkways
Particleboard on steel	Quiet, economical; offices and light storage
Composite metal deck	Concrete topping for the highest loads and fire separation

Finishes

- Hot-dip galvanised to ISO 1461, recommended for cold stores and humid plants.
- Zinc-rich epoxy primer with polyurethane topcoat in any RAL colour.
- Safety yellow toe boards and handrails as standard.

Included accessories

- Staircase with handrails both sides, 175 mm rise and 280 mm going.
- Edge protection 1,100 mm high with mid-rail and toe board.
- Swing or up-and-over pallet gate.
- Load notice plates at each stair head.

All values are typical and for a sample document. Every Teguh mezzanine is designed for the specific building, slab and load by the project engineer.