



FLOORITALL™ mezzanine floors are specifically designed and tailored to meet your needs. They are the first choice for Architects and Specifiers because of their superb construction and versatility across so many industries.

PRODUCT OVERVIEW

Spaceway FLOORITALL mezzanine floors can be designed, approved and fitted very rapidly, even multi-tier. Disruption is kept to a minimum, and a new business environment created whilst your normal business operations continue. The ideal solution to virtually any space problem - offering storage and accommodation in various combinations above and below the floor.

Safety is paramount - your FLOORITALL mezzanine floor can be custom-fitted with a 'personnel protector' safety gate, protecting operatives at exposed opening points on the edge of the floor. A rollover safety gate shields the opening. Sliding, rolling and lift-out gates facilitate material movements subject to Health & Safety Requirements.

Fire protection to a 1 hour standard is required if a mezzanine floor occupies more than 50% of the proposed building or is to be used permanently by a number of persons or as an office accommodation. This is easily achieved by fitting a proprietary fire rated suspended ceiling system to the underside of the floor structure, and cladding the columns with snap fix permanent column casing. This gives the columns an impact resistant protection, tested to BS 476 (Part 7) and class 'O' Building Regulations.

Mezzanine Floors

Key features:

- FLOORITALL can be extended, relocated or even dismantled and used again if a future move is ever undertaken.
- Opens up virtually 100% access below the mezzanine floor, using widely spaced columns.
- Creates a modern, functional look with a choice of decking materials, handrails and colours.
- For office, storage, industrial or retail, all planning procedures taken care of, incorporating the correct fire protection standards and loading criteria.
- Expert installation by our own skilled and experienced erection teams.

COMPLETE SOLUTIONS

Spaceway provide more than just an extra floor:

- **Professional in-house design** service on the latest Computer Aided Design systems customised to meet your brief. Your budget and brief is used as the foundation for a cost-effective and practical solution, presented in the form of a design, specification and construction plan for your approval.
- **Structural engineering expertise** using our in-house design team that has a wealth of collective experience behind it. We have in-depth expertise on structural floors, and every ancillary requirement to ensure you create the best working environment. Accurate costing procedures enable us to build to the maximum specifications with extremely tight budget control.
- **Planning assistance** to take away all the 'red tape' concerning Local Authority compliance, Building Regulations, site surveys etc. putting matters into a simple perspective leaving you to concentrate on your business



TECHNICAL DETAILS

DESIGN SPECIFICATIONS

FLOORITALL mezzanine floors are designed to comply with BS5950 and BS6399 (Loading) and Building Regulations and can be designed to include BRE digest 437.	Length, Width and Height to individual requirements including single, double or even triple tier platforms.
Column Spacing or Grid by design, optimum 3.25m x 3.50m up to practical maximum 12m x 8m.	Headroom - no requirement but less than 2.0 metres will provide claustrophobic working conditions.
<p>Typical load categories:</p> <ul style="list-style-type: none"> ▪ General Office use - 3.5kN/m² ▪ Retail (Shop Display) - 5.0kN/m² ▪ Light Industrial storage - 5.0kN/m², ▪ Medium Industrial Storage - 7.5kN/m² ▪ Heavy Industrial Storage - 10kN/m², 	Floor stiffness - for storage and general warehouse purposes, deflection of SPAN/200 is acceptable but for office accommodation, we would recommend deflection should be limited to about SPAN/360 reducing the vibration and movement to the floor.
Flooring/Decking - most commonly used is 38mm heavy-duty particleboard. Also available:- T & G plywood, chequer or plain steel plate and open steel mesh.	Ancillaries -Staircases, handrails, kickboards, pallet safety gates, cat ladders, mid and top landings.
<p>Fire protection - offices</p> <ul style="list-style-type: none"> ▪ All offices must have between 1/2 and 2 hour fire protection. ▪ Automatic smoke detection systems will normally be required on mezzanine floors exceeding 10 metres in width or length. ▪ Recessed modular lights can be fitted, complete with fire resistant canopy. ▪ Depending on the travel distance at least one protected route required 	<p>Fire protection - storage</p> <ul style="list-style-type: none"> ▪ At least one staircase should discharge within 4.5 metres of an exit from the building. ▪ Adequate means of escape must be provided off the mezzanine floor.

MATERIAL SPECIFICATIONS

MAIN BEAMS - Hot rolled universal beams (Grade 43) finished in one coat graphite grey (RAL 7024), with spans up to 12 metres dependent on loading.	DECKING - 38mm particleboard meets the requirement of BS5669 and SEMA Guideline No. 3.
DECKING BEAM or SECONDARY JOIST - Galvanised cold rolled profiled section.	EDGE PROTECTION - Kickboard in either timber or steel nominally 100mm high. Designed in accordance with BS5395: Part 3.
COLUMNS - Hot rolled rectangular hollow or universal column sections finished one coat Graphite grey (RAL 7024), heights of up to 7 metres.	FINISHES - decking: timber natural, steelwork: Graphite grey (RAL 7024), handrails: silver finish flo-coat. Any RAL or BS colour available on request.
HANDRAILS or Guardrails - silver finish flo-coat tubular hand and knee rails supported by grey (RAL 7024) painted RHS posts. Designed in accordance with the Building Regulations: Part K	

FOR FURTHER INFORMATION

To discuss your space solution requirements, please telephone Sales 01794 835600 or send an email to sales@spaceway.co.uk www.spaceway.co.uk