

Offices in: London, Nottingham, Birmingham, Long Bennington, Manchester, Milton Keynes, Northampton & Newcastle.



T2 Storage Solutions
A Division of **Proici Associates Limited**

Mezzanine Floors for office, retail, storage, warehousing & production environments

Designed and installed to fully comply with all aspects of the Building Regulations, CDM and Health & Safety requirements. Each floor being individually designed to suit specific requirements creating a cost-effective way of utilising additional usable space, they are fully extendable and can be relocated.

INTRODUCTION

Proici (T2) mezzanine floors are designed by our structural engineers to provide our clients with the most cost effective mezzanine floor solutions when additional floor space is required.

We specialise in providing a bespoke design & build mezzanine floor service "tailor made" to our clients exacting requirements with the most competitive pricing structure in the UK.

Proici (T2) ensure optimum design and performance using the latest computer technology to meet our client's immediate and future requirements. Big savings can usually be found at the project conception stage, so our earliest possible involvement is recommended.

Proici undertake contracts across the UK with show sites in all areas. Our latest in house computer design software ensures a quick accurate turnaround from quotation to installation.

DESCRIPTION

Each Proici (T2) mezzanine floor is individually designed from our client's brief. Our engineers are able to advise on design and layout to ensure the optimum design solution is achieved.

Floors from 75m² to many thousands of m² have been installed, single or multi-tier to a wide range of loading applications including Retail, Office, Manufacturing, Storage, Production, Leisure & Warehousing.

Proici Associates (T2) are able to provide a fully integrated "turnkey" fit out package including office partitioning, suspended ceilings, fire rating, electrics, air-conditioning, floor coverings, decoration works & office furniture etc.

Composition of Mezzanines

Basic Design – Steel frame consisting of structural steel columns supporting mains beams (hot rolled grade 43 or 50 UB's) inset with galvanized steel secondary joists (cold formed inward lipped C channels manufactured from pre-hot dipped to BS EN 10147 grade S350, GD+Z coating G275).

Columns are connected to steel base plates which are anchored to the ground floor slab. Our mezzanine floors are fully demountable and

Proici (T2) can provide technical advice in all aspects of safety and design relation to mezzanine floors on a national basis.



Deck materials: 38mm high density particle board is our preferred option – although we are able to design and supply, steel / aluminum overlays, open steel mesh, plywood etc.

Load capacities: We design or mezzanine floors to meet or exceed all relevant load capacities as defined under the Building Regulations and British Standards. Loadings can range from 2.5 KN/m² (50 lb/ft²) to 15 KN/m² (300 lb/ft²) as standard.

Accessories: A complete range of accessories includes staircases, handrails, loading gates, conveyor solutions and bespoke steel fabrications to suit your requirements.

Fire protection: Proici (T2) advises on all aspects of fire escape, permissible travel distances, the need for fire protection to the elements of mezzanine structures etc.

Advice & Design: Initial consultation, development of design concept and quotation are all free of charge and generally available within 48 hours of first enquiry.

Delivery: Usually within four weeks from client approval of design layouts, depending on floor size and complexity. More rapid fabrication is possible on special request.

Installation: Expert site installation teams can construct Proici (T2) mezzanines at a rate of up to 100m² a day, completing an average 500 m² floor in one working week.

Services:

A full quotation to installation service including site survey, computer generated quotations, individual project management by your nominated contracts manager, CAD drawings, structural calculations, building regulation approval, building inspector liaison and approval through to CDM installation, completion, commissioning to final client hand-over.

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