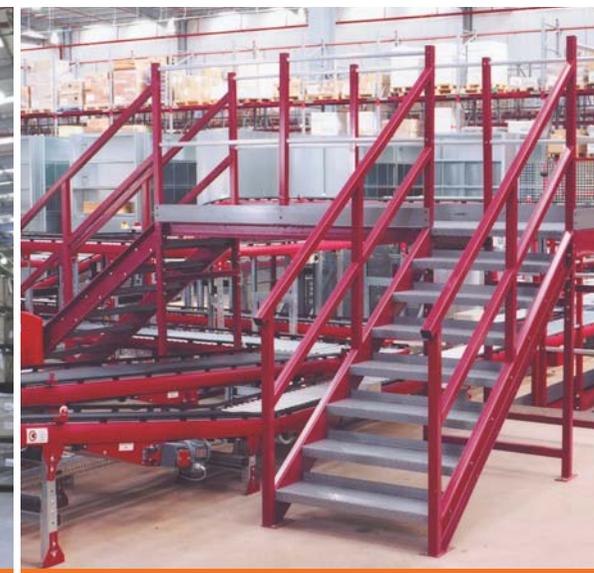
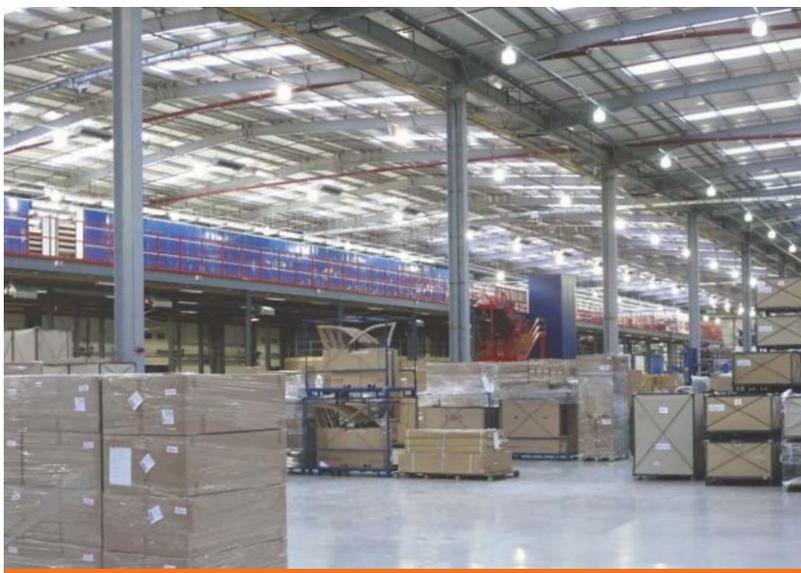


# Mezzanine Floors

Cost effective use of vertical space!



**A mezzanine floor offers additional work or storage space without adding to the building footprint. Mezzanine floors are supported floors erected within a building independent to the structure that allows you to take full advantage of the vertical space to expand your business in a cost effective way.**

- RediFloor offer a full service, from initial planning and design through to installation and commissioning..
- Mezzanine floors are valuable in most modern warehouses, factories or production areas for additional storage or work areas.
- Customise your mezzanine floor with features such as cat ladders, goods lifts, parcel chutes and pallet safety gates for optimal efficiency.

**RediFloor mezzanine floors are tailor-made to the highest quality and performance standards. All floors comply with the latest British and European design standards. Our experienced in-house design team will work with you to ensure that your mezzanine floor achieves Building Regulations approval.**

- For safety reasons, all open edges of a mezzanine must be protected by a physical barrier. This is normally a hand and knee rail system, RediFloor offer a wide variety of designs and finishes.
- Access for personnel will normally require a stairway, which can be supplied to either Approved Document K or M as required.
- Access for goods may require some form of lifting device, a conveyor, goods lift or fork lift truck. Pallet safety gates can be supplied and fitted as necessary.

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# Mezzanine Floors

## Case Studies



### The Sunlight Service Group, Ltd



**The Sunlight Service Group Ltd is the UK's leading supplier of textile rental and laundering services.**

Continued success for the company meant that it needed additional floor space and RediRack distributor Optimum Storage Systems Ltd installed a RediFloor mezzanine platform.

Covering over 680 square metres, the mezzanine houses the company's towel handling, feeding and packing machines. Laundry is moved around the plant in roll cages, which are now stored under the floor, prior to the mezzanine platform installation this area was severely congested. As washing machines and tumble driers produce a lot of heat, the floor features thermal cladding and a thermal wall to reduce the heat soak through the floor into the area above.

A section of the floor was fitted with partitioning to create additional office space. Finishing the installation were two sets of stairs enabling personnel access at the centre and one end of the floor.

John Falconer, Regional Engineer said: "The mezzanine platform has been a great success and enabled us to offer our customers improved levels of service."

> [redifloor.co.uk/case-study/RI36-1.php](http://redifloor.co.uk/case-study/RI36-1.php)

### Elverys Sports



**Established in 1847, Elverys Sports is the oldest sports store in Ireland operating thirty-five stores nationwide, and is proud to be wholly Irish owned.**

Dublin-based Storage Systems Limited was selected to be the partner in this move. It was awarded the contract to provide a turnkey storage solution for Elverys' new 6,000 sq. metre facility.

RediRack provided 56 bays of pallet racking, for the palletised goods. Each bay is 10,200mm high by 900mm deep by 2,700mm clear width, fitted with seven beam levels. In addition, RediFloor installed a three-tier mezzanine, measuring 38,700mm long by 17,050mm wide. On the first floor Storage Systems installed 320 bays of adjustable steel shelving for small parts, on the second floor of the storage mezzanine are 78 bays of long span shelving for footwear and the third floor is used for storing larger items.

Niall Rock of Storage Systems explains: "Having such a huge diversity of products proved a challenge for our design team. Our main focus was to provide a solution that focused on utilising space, reducing manually handling, increasing speed of picking and providing effective storage for each product."

> [redifloor.co.uk/case-study/RI35-3.php](http://redifloor.co.uk/case-study/RI35-3.php)

### Kellogg's



**Kellogg's are the world's leading producer of cereal and a leading manufacturer of convenience foods. Their 35,000 square metre distribution centre is located close to Kellogg's existing Trafford Park manufacturing plant, the largest cereal factory in the world.**

RediFloor supplied a mezzanine floor, measuring 570 square metres, providing additional floor space for an inspection and re-work area. Pallets requiring inspection can be lifted directly onto the mezzanine level. Counter balanced pallet safety gates are located at each end of the floor, providing access for pallet movements and a safe barrier for personnel.

In addition, RediRack supplied pallet racking for the facility. Comprising of 22 loading bays with dock levellers, two ground level bays and four automatic intake bays which can store up to 32,000 pallets. Sacrificial legs are fitted throughout and an automatic sprinkler system is built into the racking.

Mark Hamilton, Kellogg's Project Manager said "On a project of this scale, flexibility and cooperation are key ingredients. RediFloor and RediRack were able to adapt their installation schedule to accommodate changes to the overall build programme and liaise closely with other suppliers to ensure that deadlines were achieved."

> [redifloor.co.uk/case-study/RI31-1.php](http://redifloor.co.uk/case-study/RI31-1.php)

