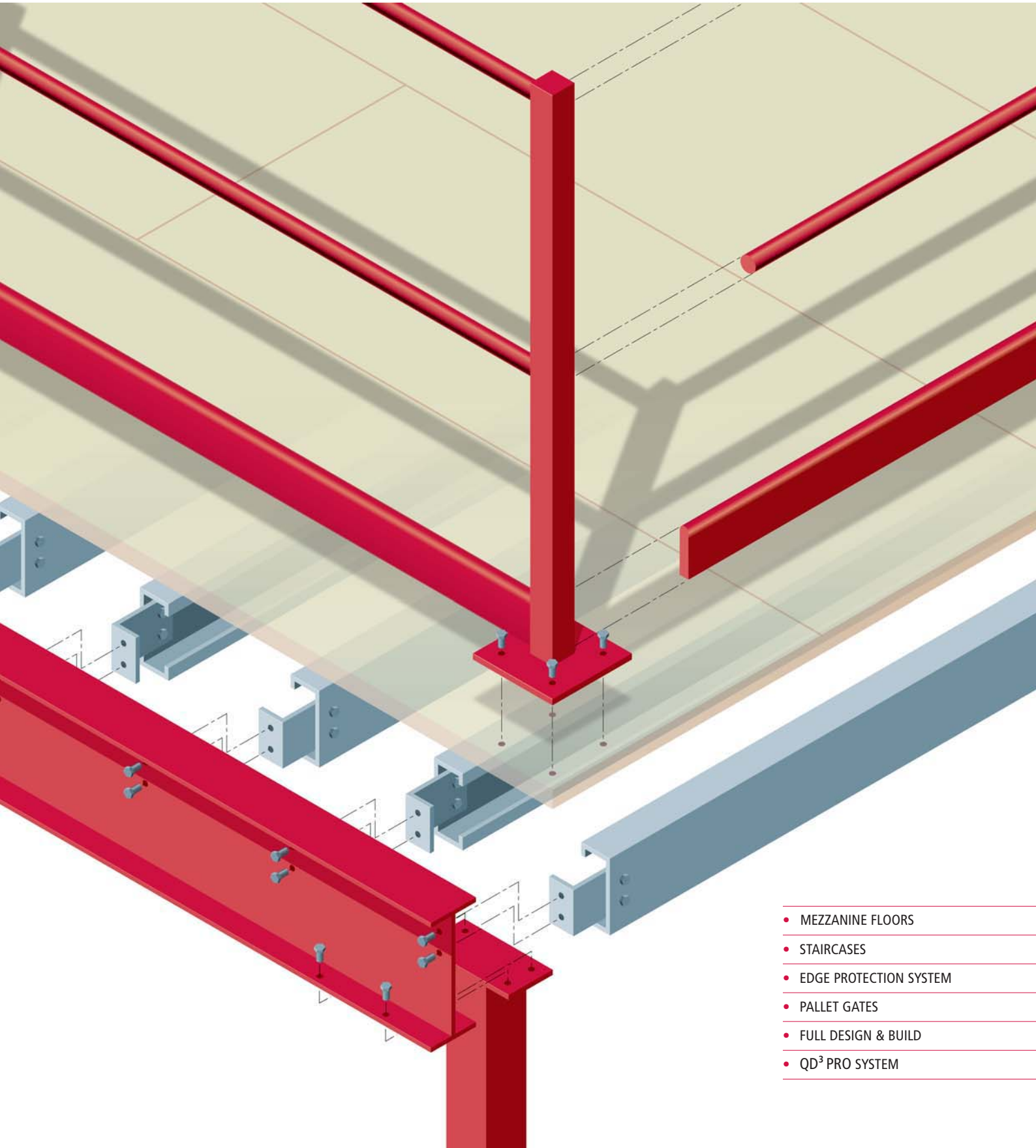




# Structural Steel Mezzanine Floors



- MEZZANINE FLOORS
- STAIRCASES
- EDGE PROTECTION SYSTEM
- PALLET GATES
- FULL DESIGN & BUILD
- QD<sup>3</sup> PRO SYSTEM

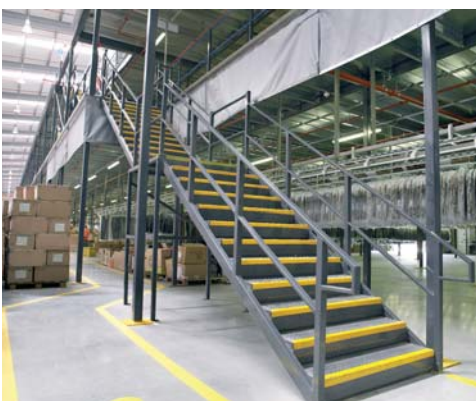
For many years, Avanta Mezzanines has been the largest and most innovative supplier of mezzanine floors in the UK market. At the heart of this success has been its substantial investment to create **QD<sup>3</sup> Pro**, the most advanced computer-based mezzanine floor production management system in the market today. The result is a process that delivers a higher specification of floor for less; on time and as required, time after time. Higher quality, lighter-weight floors incorporating unique design features come as standard; as does the peace of mind you get in knowing that you have selected the ultimate mezzanine floor system.



## Why a Mezzanine Floor?

Each Avanta floor includes bespoke design, the latest in lightweight steel structures, high quality powder-coated ancillaries in a wide choice of colours, fully integrated edge protection systems and moisture resistant decking as standard. All mezzanines are designed by Avanta to meet individual customer requirements and are produced to meet BRE Digest 437 requirements as well as all relevant British Standards. The result is a mezzanine floor that is widely acknowledged to be the ultimate in terms of design, quality and finish.

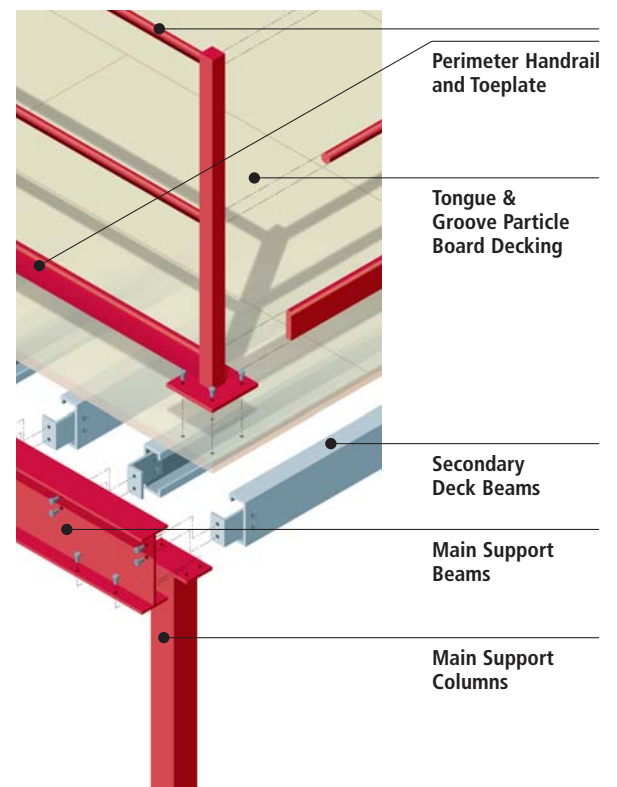
Installation is carried out through a network of specialist, locally based teams experienced and qualified in the handling and erection of mezzanine floors. All team members operate to appropriate site safety protocols approved and monitored by our appointed health and safety consultant. Avanta has even developed its enhanced Netsafe system of safety procedures to address the unique risks associated with the installation of complex structures within existing buildings. Operatives are fully insured and trained to operate required equipment and are certified to nationally approved standards. All teams have completed the CSCS (Construction Skills Certification Scheme) and, where appropriate, are also SEIRS (Storage Equipment Installers Registration Scheme) trained.



Part M Staircase



Pallet Access Gate





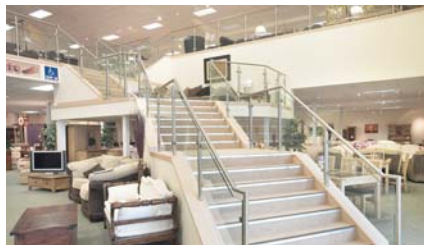
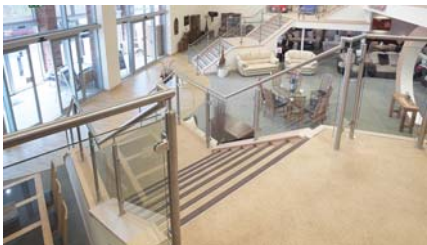
## Warehousing & Distribution

Avanta's efficient integrated mezzanine production system, QD<sup>3</sup> Pro, optimises the design and production process so effectively that Avanta have been installed in some of the largest warehousing and distribution centres in the UK. The floors can be installed as single, double or triple tier systems incorporating full fire protection, safety barriers and access equipment as required.



## Production & Storage Floors

Avanta mezzanine floors have become increasingly popular with manufacturing and production businesses as the drive to increase productivity and flexibility from existing facilities gathers pace. Existing buildings need to be used flexibly and wasted space minimised whilst a safe and secure working environment is maintained. Avanta takes full design and engineering responsibility for ensuring that floors meet all Building Regulation requirements and are fit for purpose. Avanta's QD<sup>3</sup> Pro system optimises the use of space within both existing and new facilities by calculating the most efficient mezzanine design solution. In this way Avanta mezzanines maximise storage capacity and increase returns from dedicated storage facilities.



## Office Floors

Many commercial premises offer excessive, unused headroom which is un-productive and expensive to heat or cool. An Avanta mezzanine floor can transform this wasted space into productive office space with minimal disruption and can allow a business to expand considerably within its existing premises. Intelligent design solutions and high standards of finish make Avanta floors suitable for any use from a simple office storage area to a prestige office environment.



## Retail Floors

The combination of lightweight construction, superior powder-coated finish and wide range of colour options makes an Avanta mezzanine ideal for retail environments. Whether you need a seamless addition to your sales floor area, more back-of-store storage or extended office space, a mezzanine floor will probably be your cheapest and most flexible option. Fast installation to an agreed schedule by Avanta's experienced engineers ensures that disruption is kept to an absolute minimum and that additional floor space is brought to productive use according to plan.



## Standard Features

All Avanta floors include a number of innovative features designed to improve functionality, enhance appearance or meet safety standards. These include:

**Edge Protection System:** Avanta's unique edge-protection system provides a functional and very neat solution that integrates both the handrail and toe plate into the handrail post. This unusual design is aesthetically pleasing as well as complying with stringent BRE Digest 437 requirements.



**Powder Coated Finish:** Powder coating provides high corrosion resistance, optimum mechanical properties and excellent gloss retention. The wide range of colours ensure that your new mezzanine reflects your corporate colour scheme and can be applied to: Staircases, handrail posts, handrail tubes, steel kick-plates, up and over safety gates, sliding access gates and swing gates.



**Decking:** All Avanta floors are supplied as standard with moisture-resistant decking. This ensures that the integrity and safety of the decking is maintained should it become wet; an important safety enhancement that is often provided as an optional extra on floors produced by other manufacturers. This, together with increased column sections that provide greater stability, is also a requirement of BRE Digest 437.



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