

MEZZANINE SYSTEMS

GENERAL STAIRCASES



C34 HANDRAIL



S32 HANDRAIL



B34 HANDRAIL

According to the latest building regulations, most new mezzanine floors require to have at least one general access staircase intended as the main route between different levels. MiTek offers various general access type solutions, all of which comply with the latest building regulations requirements. Many of our solutions can be used on staircases and floors to offer an overall consistent styling and adaptable for both top and side mounting. Our engineers are here to advise you on the best solutions for your build.

OVERALL SPECIFICATIONS

- 1200mm wide with a maximum rise of 170mm and 250mm going. Handrails to include a 250mm run off top and bottom.
- Height of handrail centreline above floor level is 1100mm
- Height of knee rail centreline above floor level is 600mm
- Posts and saddles are fully welded assemblies and use all high grade fixings

MATERIALS

- Stringers: Steel plate (grade S235)
- Treads: Dubar or steel mesh options
- Post section: 50x50x3 SHS (grade S235)
- Post plates: Mild steel (grade S275)
- Saddle: Mild steel (grade S275)
- Hand & knee rails: Mild steel BS 1387 tube (33.7mm O.D. / 1" nominal bore)

OPTIONS

- Mesh or durbar plate treads
- Closed or open risers
- C34, B34 or S25 handrails (see handrail spec sheets for further information)

FINISHES

- Standard finishes for stringers, post and saddle are RAL 7024
- Hand & knee rail finish is powder coated RAL 7024
- Standard finish for treads is powder coated RAL 7024 with contrasting yellow nosings (RAL 1021)

We can also provide powder coated finishes to customer specifications, please enquire as to availability.

CODE COMPLIANCE AND PERFORMANCE

BS 6180:2011 barriers in and about buildings
 BS 5395-3:1985 stairs, ladders and walkways
 BS EN ISO 14122 access to machinery
 Eurocode 3 BS EN 1993-1-1 2005
 Eurocode 1 actions on structures 1991-1-1
 Building regulations part K