

# General Staircase Product Sheet

**MiTek**<sup>®</sup>  
Mezzanine Systems

## General Access Staircase

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 Mezzanine Systems 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 Spec

- > 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 and 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 *We can also provide finishes to customer specifications, please enquire as to availability.*
- > Hand and Knee Rail finish is powder coated RAL 7024 *We can also provide powder coated finishes to customer specifications, please enquire as to availability.*
- > 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