

# Altro Flooring

Altro Flooring is a family-owned business specialising in safety flooring and hygienic wall cladding. Our brief was to produce fabrications drawings and connection design for over 500 tonnes of new structural steelwork for the main factory refurbishment at their head office. Primary structural works included constructing new high-level roof over the main production area. Portal frames spanning nearly 30m were utilised to create larger column free areas for the workshop below. In addition, we designed and detailed the following ancillary structure:

- 500m of internal suspended gantry walkways with guard mesh and complete with open mesh flooring and balustrade
- Internal steel staircases with feature handrails
- All Internal and external access CAT ladders
- Several plant access platforms
- A new mezzanine floor to increase office and welfare space
- The new structure was clad using a METSEC cold rolled system that we fully detailed

This was a challenging project as all works had to be carried out whilst the factory remained fully operational and whilst maintaining a safe, working environment below.

