



INDUSTRIAL



## Parvalux – Cabot Lane

### Project details

Construction is now complete on the new production facility for Parvalux Ltd in Cabot Lane, Poole. GAP Ltd. designed the new 130m long steel two-storey framed factory and three-storey office building, which created the large open spaces necessary for the various production areas. Due to the 10m grid spacing and the requirements for high imposed loading associated with the factory first floor, a primary engineering challenge was providing sufficient strength while ensuring efficient use of materials.

Due to the high steel prices at the time of construction, our engineers worked closely with the fabricator to maximise efficiency by optimising steel section types and utilising composite decking to reduce floor weights. GAP Ltd. have employed our in-house expertise to produce a full 3D structural model, which greatly streamlined the coordination stage and the production of fabrication drawings, allowing prompt orders and prices for steelwork to be secured.

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Consulting Civil and Structural Engineers

