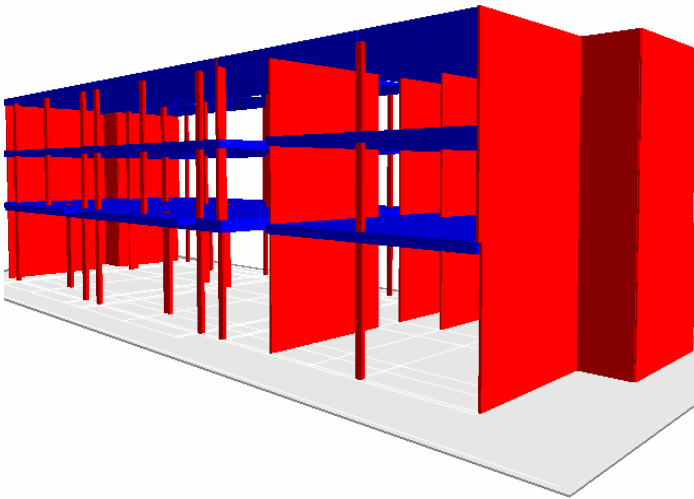




Orion benefits Gyoury Self Partnership



- ▶ RC frame isometric for new teaching building at University of Sussex

Gyoury Self Partnership

www.gyouryself.com

Gyoury Self Partnership is a team of consulting engineers in structural and civil engineering, linked to geotechnical, contamination and environmental disciplines, in a dynamic, commercially aware and pro-active style. Swift reactions to changing environments, together with a flexible and competitive fee structure, complement the desire to optimise build quality. Enthusiastic and experienced teams are customer-focused to generate client satisfaction. Dedication to cost-effective solutions further enhances the benefits to clients. The large Gyoury Self Partnership client base has been built up over many years. Clients extend from individuals and small businesses to corporations and multi-nationals. Regardless of size, the Gyoury Self Partnership will always apply the professionalism and attention to detail for which they have become renowned.

“The increased requirements for RC structures, in particular flat slab structures for the residential sector, led us toward needing a Finite Element software solution. For transfer slab structures or buildings with irregular column layouts, asymmetric loading patterns or sizeable openings, the traditional code method of design was not giving us efficient results. Orion has allowed us to very quickly model, analyse and design a scheme; making considerable material savings compared with the results we would have expected using the code method. Orion has helped us with the transition from modelling in 2D to modelling in 3D, which is something that has become more important for us as the geometry of architects’ designs becomes more complex.”

- ▶ Rick Potterton – Partner

Major Orion benefits to the Gyoury Self Partnership

- ▶ Orion’s simple interface makes potentially very complex FE Analysis available to all engineers.
- ▶ Orion provides the functionality to design flat slab structures more efficiently than traditional methods. The complexity of the structure’s layout is irrelevant, the principles of modelling do not change, and Orion does the hard work.
- ▶ With Orion it is very easy to make changes and to investigate the structural implications of those changes.
- ▶ A software solution like Orion is a valuable tool for marketing in an increasingly competitive world. Contractors are pleased that the Partnership has been proactive in investing in a solution which will help to reduce material costs.