

Mixed Retail Premises, Droitwich

The redevelopment at Olbersely Street, Droitwich showed the incredible versatility of the Insulslab foundation system.

The problem posed was to extend an oblong building on three of its four sides but with all the new sides having curved elements.



KEY DRIVER: EASE OF USE & SPEED

The redevelopment at Olbersely Street, Droitwich showed the incredible versatility of the Insulslab foundation system. The problem posed was to extend an oblong building on three of its four sides but with all the new sides having curved elements.

With conventional foundations these curves would have taken skilled operatives considerable time to correctly place the reinforcing bars. However, with the steel fibre reinforced concrete that is used in conjunction with the Insulslab pods no such outlay of time was needed.

Even further time savings were made because the Insulslab system does not need to be screeded and so the 53m³ pour and power floating were both accomplished on the same day. In addition, the Insulslab expanded polystyrene pods were easily cut with hand tools meaning full thermal efficiency was maintained throughout the unconventionally shaped foundation.

Lee Ferreday of Hewlett Civil Engineering comments:

"The Insulslab system offers an effective and efficient solution to foundation designs. The installation of Insulslab system at the Droitwich project was carried out without any issues and to a compressed programme".