



55 Baker Street - London



Year 2007/2008

The iconic 55 Baker Street building in London has been completely refurbished and redeveloped by London and Regional. The project's well-regarded success proves that 21st Century design can be applied just as well to existing buildings as it can to new buildings.

Frenger are proud to have designed, manufactured, supplied and installed over 3500 active multiservice chilled beams for the project. Active chilled beams were selected for their energy efficiency, minimal maintenance requirements and excellent internal comfort levels. Furthermore, the fact that the product has a life expectancy in excess of 25 years is of great value to the client.

The challenge was to meet the relatively high cooling requirements on this 80,000m² project (up to 120 w/m² cooling) with the limited supply-air volumes available (1.6 l/s/m²). Frenger worked closely with the design team to develop a "V-shaped" chilled beam to complement the project's internal and external architecture. Many weeks of project-specific testing

were carried out at Frenger's UK testing facility to ensure that all design requirements were realised.

Frenger engineers installed up to 120 chilled beams per week at peak, and developed a relationship with the Builder that culminated in the Frenger Team being considered as an Award Winning Supplier.