

Collen Frame AFS Logicwall Contribution to BREEAM and CSH



Scope of Works

Collen Frame expressed an interest in understanding how their innovative building system AFS LOGICWALL® could contribute to enhanced BREEAM and Code for Sustainable Homes ratings. AFS LOGICWALL® system is an innovative concrete solution for load bearing structures. It offers significant time savings on site for the construction of multiple occupancy accommodation such as student housing and hotels.

KLH Sustainability, in collaboration with Collen Frame's design, procurement and quantity surveying teams undertook a comprehensive review of the system to quantify the benefits of the system within the parameters of the rating schemes identified.

Client
CollenFrame

Year
2012

Outputs

KLH Sustainability produced a comprehensive technical report containing all the necessary supporting evidence and documentation for those wishing to interrogate sustainability claims further or undertake a BREEAM or Code for Sustainable Homes assessment.

In addition, two single page marketing brochures for Collen Frame were produced to provide a concise overview of the sustainability benefits of AFS LOGICWALL®. The marketing documents highlight the specific BREEAM and Code for Sustainable Homes credits that LOGICWALL® can contribute to. The brochures aid early engagement with clients, architects and engineers.

Outcomes

KLH Sustainability identified that the AFS LOGICWALL® system is a durable and economic way of constructing multiple occupancy buildings. It can contribute to achievement of credits in over 8 different criteria identified in BREEAM and Code for Sustainable Homes.

As the system is currently marketing in the UK by Collen Frame, BREEAM and Code for Sustainable Homes were considered the most appropriate assessment schemes under which to evaluate the system. However, KLH Sustainability can also undertake assessments under other international certifications schemes including LEED, Green Star, Estidama and GBAS.

