



## Olympics 2012 Athletes Village, UK

- **Location:** London
- **Year:** 2012
- **Client:** Bovis
- **Architect:** Eric Parry Architects
- **Noise consultants:** Hann Tucker, Sandy Brown Associates, Sharps Redmore
- **Facade Companies:** Techcrete, Thorpe Precast, Decomo
- **Installers:** TECL, Kilnbridge, BDL Group



# CASE STUDY: OLYMPICS 2012 ATHLETES VILLAGE, LONDON, UK

**Making London 2012 a success — an acoustic solution that exceeded performance criteria of Pre Completion Testing.**

## The challenge

When the London 2012 design team wanted a third party accredited 'firestop' with 'tested' high acoustic performance to close the movement cavity between the rear of the facade and the partitions and floor slabs, SIDERISE was their only choice.

This most prestigious event in London, the 2012 Olympic Games, demanded performance levels that not only met, but exceeded the criteria demanded by Building Regulations 'Approved Document E'.

The project required that the final choice in material solution had to be a third party accredited firestop, and able to provide proven/tested levels of acoustic performance to achieve the criteria which was set at 5dB above current Building Regulations. Independent UKAS accredited laboratory data was required before the product could be finally approved.

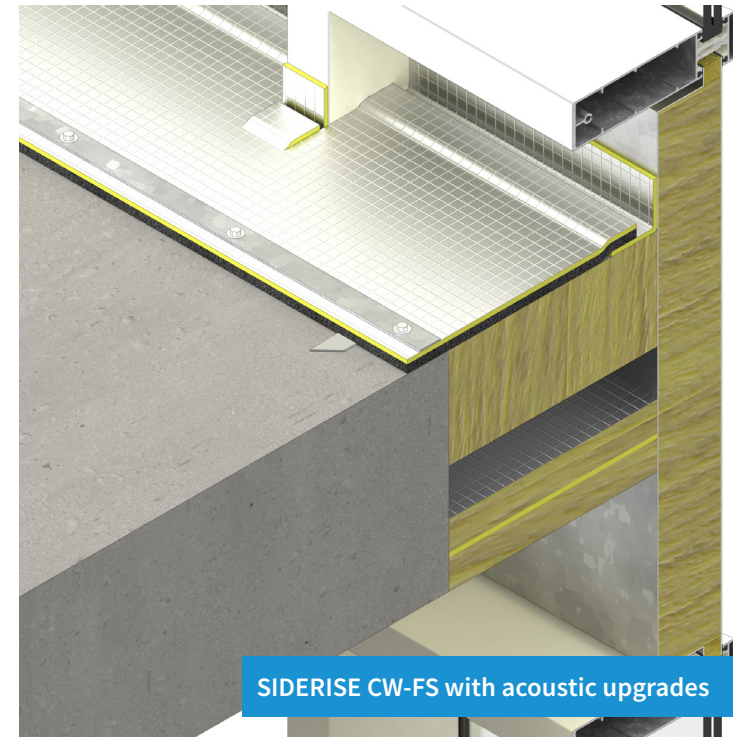
## Our solution

We provided SIDERISE CW-FS curtain wall fire stop system with acoustic upgrades from their acoustic product range.

For the horizontal application CW-FS120, a two hour perimeter barrier firestop was used with a mass barrier overlay of the BM/P5/BOAK/SA and two layers of acoustic composite SIDERISE acoustic void barriers for suspended ceilings - CVB/C10 below.

For the vertical application SR/MF160/BOAK in conjunction with two lines of both SIDERISE linear gap seal and SIDERISE acoustic void closures - AVC/10's.

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*“Since using these Siderise materials we received no acoustic failure whatsoever.”*

Sharps Redmore, Acoustic Consultants.

