

FACT SHEET: Benefits of SFS



Your Guide to the Benefits of SFS

Steel framing solutions have moved into the mainstream and are now the building material of choice for many Tier 1 contractors. It is now becoming common practice to use SFS in multi-storey developments to create a Rapid Dry Envelope.

This can support the external cladding and act as separating or compartment walls between different parts of the structure. SFS infill walls can be used on any type of framed construction method, be that steel or concrete and the benefits are far reaching.

By combining our market-leading expertise in commercial glazing, curtain walling and SFS, we are now able to offer clients a single solution for SFS and glazing packages, putting the Full Rapid Dry Envelope approach at the core of our offering.

Light weight, flexible, BSA compliant, and rapid; here is our guide to the key constructional benefits...

Ideal Sector Applications

- ✓ Healthcare
- ✓ Commercial
- ✓ Infrastructure
- ✓ Education
- ✓ Residential
- ✓ Leisure



Speed of Construction



Light Weight



Versatile Design Options



High Levels of Acoustic Performance



High Levels of Fire Resistance



Enhanced Thermal Properties

**Call us for
more info**



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Speed of Construction

- Creates a rapid, weather tight envelope allowing other processes in the build sequence to proceed much earlier
- Fewer materials, less labour time onsite
- Process is 'dry' so less shrinkage and drying out problems
- Pre-cut sections can reduce site wastage & increase installation efficiency
- Off-Site pre-fabricated panels can also be utilised which means, full load bearing wall & floor structures can be built



Light Weight

- Thinner than conventional blockwork, much less heavy line loads - this also benefits manual handling issues as opposed to traditional blockwork
- Can be key in refurbishment projects
- Less foundation requirements



High Levels of Acoustic Performance

- Either as external walls or internal separators, SFS promotes excellent acoustic and fire-resistant properties



Versatile Design Options

- Steel wall infills can offer huge benefits for public buildings such as hospitals & schools. As demand for space changes, they can be relocated to suit
- For leisure structures, SFS is ideal for building tall, thin, walls with superb performance characteristics



High Levels of Fire Resistance

- Levels easily achieved by using two or more layers of fire-resistant plasterboard or for some residential builds, using double layer infill walls



Enhanced Thermal Properties

- Provided by utilising a range of thermal insulation boards which attach externally to create a 'warm frame'
- Can provide temporary weatherproofing to allow rapid fit-out and early servicing opportunities

