



**STRUCTURAL SECTIONS FRAMING  
NON-CONTINUOUS INFILL  
WALLING SYSTEMS.**

Structural Sections Framing Non-Continuous Infill System creates a steel framed structural stud and track system suitable for use in construction projects where conventional blockwork might be considered. Our lightweight 'dry' system offers savings in material weight, construction time and labour requirements.

The system is fixed between primary structure members and is generally located at the 'slab edge' to facilitate the fixing of insulation and external cladding materials which can run continuously outside the main structure if desired.

Structural Sections Framing full height stud sections are located and screw fixed via the flanges to shallow floor track section, itself fixed to the floor slab with fixings and intervals determined by structural calculations. The deep track head section is similarly fixed to the underside of the upper floor slab. Deflection within the primary structure is facilitated by a 25-35mm gap between the stud and head track which typically allows a stud/head track bearing of 35-45mm. As the stud is not fixed at the head track interface it is necessary to restrain the stud sections to resist lateral and torsional movement. Our solution is the use of a **Slip-Klip** deflection head clip, screw fixed to the head track at every stud position (see page 11).

This method permits the use of reduced thickness head track and minimises both material and fixing time over conventional blocking methods. If blocking is utilised, it should be fixed between the end pairs of studs and between every fourth pair.

A number of Cill, Lintel and Jamb configurations are available to suit various design criteria (see page 12).

Services slots (100mm x 35mm) where specified are typically located 600mm from the ends of stud sections to facilitate the passage of services within the wall cavity. It is recommended that consideration is given to protecting services where they pass through service slots against any sharp edges that may occur.