

evolution

www.evolutionfasteners.co.uk

Evolution Fasteners **Guide To** **Metal Framing Systems**

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Guide To Metal Framing Systems

Introduction

Evolution Fasteners (UK) Ltd has a wealth of expertise in the specification of fasteners for metal framing and steel construction.

Our engineering and testing team provides accurate and dependable information to all parts of the steel framing industry, from specifiers and consultants to architects and contractors.

Specification Aids



Evolution Fasteners (UK) Ltd provides a range of free aids to specifiers, including (but not limited to):

- Design calculations
- AutoCAD drawings
- In-situ inspections and support
- Datasheets
- Product samples
- Literature

Technical details can be accessed from our website:

www.evolutionfasteners.co.uk/techsupport

Testing and Quality Assurance



All of our products are batch tested by an extremely demanding testing regime prior to being approved for sale.

On site testing and training.

More information can be found at our dedicated testing website:

www.etasuk.com

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Guide To Metal Framing Systems

Steel framing systems can be used in the construction of all types of buildings. The system comprises of a range of studs, joist sections and runners which are assembled to form the “skeleton” of the structure. Then typically using a combination of accessories, insulation panels to complete the rest of the basic structure.

According to the connection type required, the appropriate fastener can be selected from the guide below.

Application	Product Code	Picture
3.0mm (max) steel to 12.5mm (max) steel	TSHW5.5-32-5	
1.5mm (max) steel to 2.0mm (max) steel	TSHW4.8-16-3	
1 x 15.0mm plasterboard to 3.0mm (max) steel	DWSDZ42	
1 x 15.0mm plasterboard to 12.5mm (max) steel	TSTF5.5-42-5	
2 x 15.0mm plasterboard to 3.0mm (max) steel	TSTF5.5-80-3	
2 x 15.0mm plasterboard to 12.5mm (max) steel	TSTF5.5-65-5	
Up to 22.0mm sheathing board to 3.0mm (max) steel	TSTF4.8-45-3	
1.5mm brick tie channel to 28.0mm insulation board to 3.0mm (max) steel	TSBWHT5.5-60-3	
1.5mm brick tie channel to 46.0mm insulation board to 3.0mm (max) steel	TSBWHT5.5-80-3	
Up to 3.0mm steel to concrete substrate	EVDBZ640	
Up to 40.0mm timber to 3.0mm (max) steel	TSTF5.5-62-3	
Up to 100.0mm timber to 3.0mm (max) steel	TSTF5.5-120-3	
General framing screw: studs, joist runners, bracing up to 3.0mm build up	TSPH5.5-25-3	
General framing screw: box section up to 12.5mm build up	TSLP5.5-38-5	
General framing screw: gusset plates, angles, brackets, etc	TSHW5.5-25-3	
Runners, etc to concrete substrate and block	MSHH6.3-45-516	
Framing section up to 3.0mm fixed to steel up to 12.5mm	TSHW5.5-38-5	

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Super Tek 2

To view our demo video

Go to **YOU TUBE** and search for **Super Tek 2 Evolution**