

MANUFACTURED  
EXCLUSIVELY FOR



# | Trench Sheets

Firth Steels are the leading UK manufacturers of cold roll-formed Trench Sheeting. Our product range and production process offer unrivalled quality, flexible lead-times and competitive prices.

Through our partnership and by using Firth Steels state of the art production facilities in Brighouse, MGF have the ability to supply various profiles and thicknesses ranging from 3.5mm to 8.0mm in lengths from 3-12 metres.

Trench sheet products are manufactured exclusively for our client MGF Trench Construction Ltd and are used to support earth banks for the safety of construction workers. They are ideal for permanent reinforcement of waterway banks and service trenches. The sheets are designed to be handled by excavators using the bucket to drive the sheets vertically into the ground, and are fully compatible with MGF's complete shoring range.

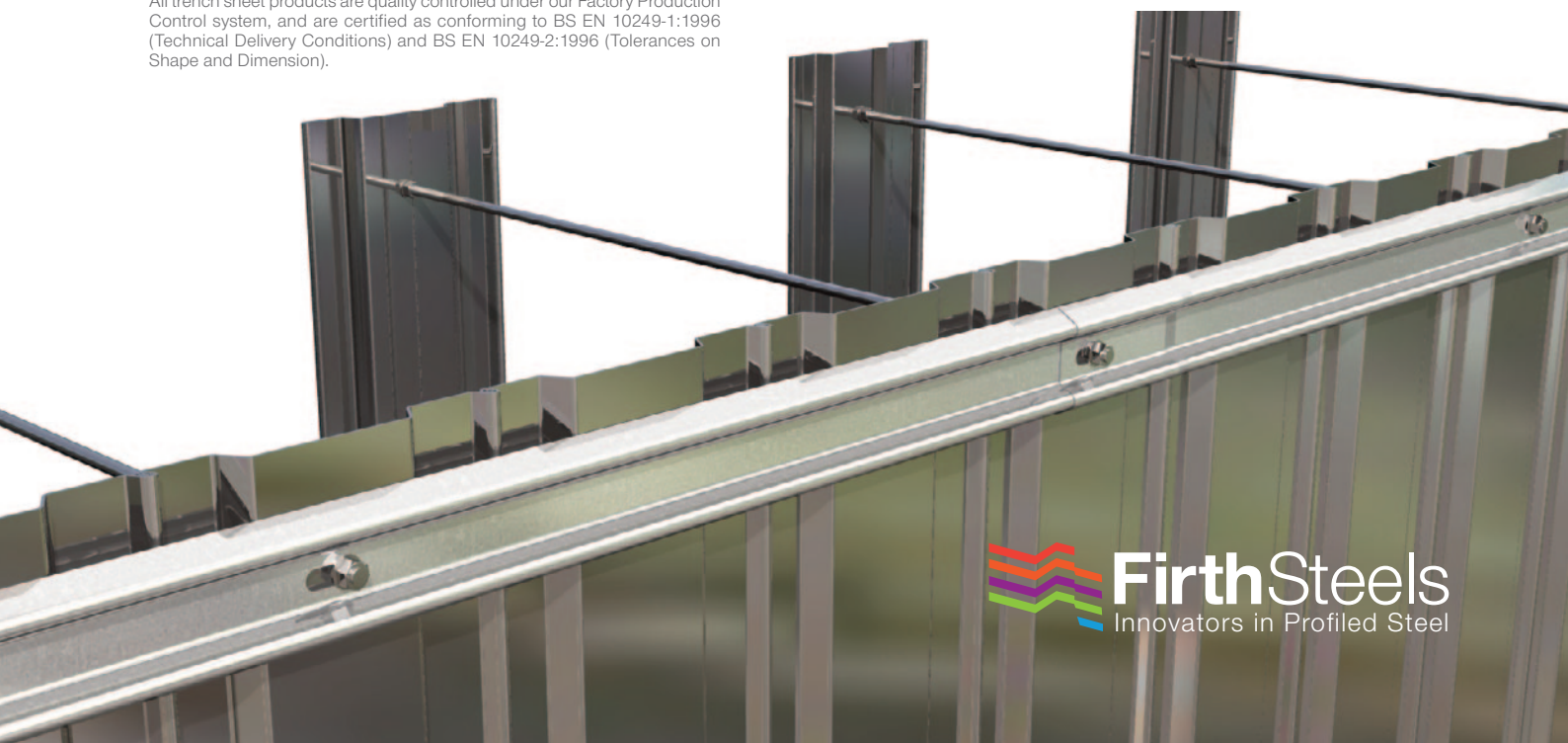
The range includes both lapped and interlocked sheets, with handling holes provided as standard at one end of the sheet. Trench sheets are generally specified to support the vertical faces of most small to medium sized trenches and excavations between 1m and 9m in depth.

Hot rolled coil specifications used as the raw material are certified as conforming to EN10025-2:2004 (Yield and Chemical & Mechanical Properties) and EN10051:2010 (Tolerances on shape and dimension). All these mill test certificates, as well as Firth Steels' own for the manufactured product, are supplied with each trench sheet product delivered.

Full scheduling functionality allows us to upload material schedules from our clients, which are then added to the project ready for call-off. When ready for manufacture, the material schedules and pack details are downloaded to our state of the art roll-forming lines. Both these aspects reduce the need for human interaction and typing errors.

**For further details on how MGF Trench Construction Ltd can support your project or for order information please contact their Sales Team on 0845 421 2303 or email [enquiries@mgf.ltd.uk](mailto:enquiries@mgf.ltd.uk)**

All trench sheet products are quality controlled under our Factory Production Control system, and are certified as conforming to BS EN 10249-1:1996 (Technical Delivery Conditions) and BS EN 10249-2:1996 (Tolerances on Shape and Dimension).





# | Summary

Trench Sheets are available in a wide range of profiles and lengths and are generally specified to support the vertical faces of most small to medium sized trenches and excavations between 1m and 9m in depth.

The sheets are designed to be handled and installed by excavators using the bucket to drive the sheets vertically into the ground and are fully compatible with the complete MGF shoring range. The range includes both lapped and interlocking systems.

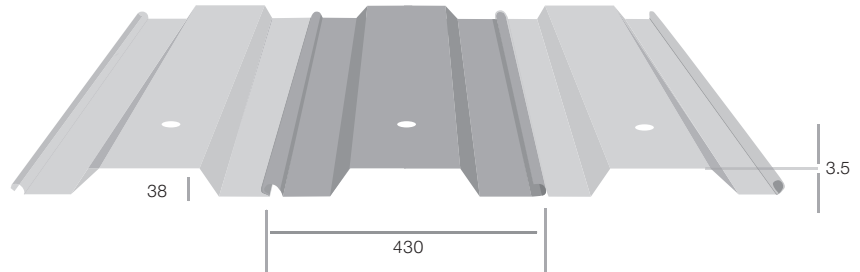
Sheet Type	Material Grade	Max SWL	Section Modulus	Moment of Inertia	Weight per m	Weight per m <sup>2</sup>
		kNm/m	cm <sup>3</sup> /m	cm <sup>4</sup> /m	kg/m	kg/m <sup>2</sup>
Standard	S235 JRC	7.3	45.7	84.8	11.3	34.4
FKD 400/6	S275 JRC	19.0	98.8	250.1	22.1	55.3
KKD 600/6	S275 JRC	33.7	184	717.5	37.5	62.5
KKD 600/8	S275 JRC	43.4	242	947	50	83.3
ER 750/8	S355 JOC	60.2	254	1197.2	53.6	72.2
L8	S275 JRC	10.5	52.3	98.15	14.4	33.2
FLP 600/3.5	S275 JRC	33.5	183	1215.1	23.1	38.5
FLP 600/6	S275 JRC	56.0	306	2067.2	38.8	64.6

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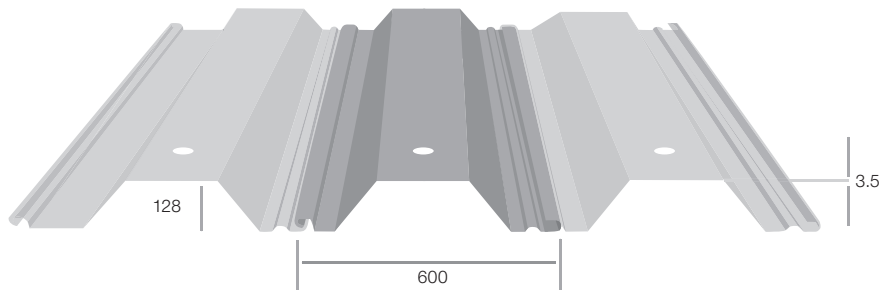


# Interlocking Sheets

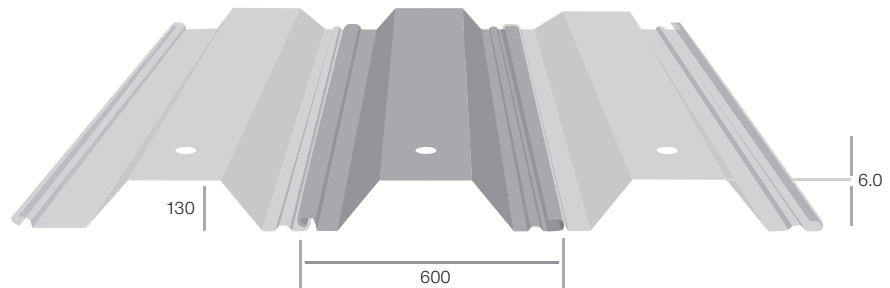
**L8 Profile**



**FLP 600/3.5 Profile**



**FLP 600/6 Profile**



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