

**MGF EDGESAFE SYSTEMS ARE LIGHTWEIGHT STEEL EDGE PROTECTION SYSTEMS AVAILABLE IN A VARIETY OF SIZES WITH A RANGE OF FIXING CLAMPS ALLOWING IT TO BE USED TO PROVIDE PERIMETER EDGE PROTECTION TO ANY EXCAVATIONS EMPLOYING MGF EXCAVATION SUPPORT SYSTEMS. THERE ARE 2 TYPES OF EDGESAFE PANELS, EDGESAFE AND EDGESAFE-MESH.**

Edgesafe panels are manufactured from grade min. S235 hollow steelwork sections and plate. Edgesafe-Mesh panels are manufactured from 5mm steel mesh and plate. Both systems are designed to be installed by two persons directly onto MGF excavation support systems using solid steel clamps with clamping bolts. These systems satisfy the requirements of BS EN 13374 (2013) Class A Temporary Edge Protection Systems and are suitable for site use where the ground slopes up to a maximum of 10°. It is not suitable for use as a pedestrian barrier.

## PRODUCT NOTES

1. Ensure that the panels are not damaged and that the correct clamps are provided prior to use.
2. Always install the system from a position of safety. If working from an unsupported edge a full risk assessment should be carried out for the installation.
3. When Edgesafe panels are clamped check each panel cannot be lifted, slide or rotate.  
NB. Edgesafe panels can be flipped to allow tightening of clamping bolts from either side (subject to a risk assessment).
4. Prior to installing Edgesafe-Mesh panels ensure the connecting clamp is fully secure and cannot slide prior to installing the mesh panels.
5. Never lean over the panel or the edge of the excavation to adjust the clamps.
6. Always ensure that bolts are fully tightened and panels sit square and plumb with the upper rail at a minimum 1.0m above ground level.
7. Avoid gaps in-between the panels that are greater than 120mm.
8. Always replace damaged panels.
9. Edgesafe and Edgesafe-Mesh panels should only be fitted to MGF excavation support systems using the clamps specified. The customer must ensure that these support systems are installed in accordance with MGF guidelines and are sufficiently robust and stable to act as an effective edge protection support.
10. Take care when handling and storing on site as panels can be easily damaged. Always stack on timbers and lift either by hand or using a fork lift.
11. Do not use panels to support ladders, services, equipment or materials.
12. Edgesafe-Mesh panels can be simply overlapped to create a constant run of edge protection. Each connecting adaptor can be used with 2 overlapping Edgesafe-Mesh panels. Cable ties can be used to secure panels together if desired.



Edgesafe panels can be attached to all MGF box panels, trench sheets and sheet piles.



The sheet clamp can secure anywhere along the panel.

The box clamp pins through the connection points on the panel.

		Panel Type	Panel Length	Weight*
			(mm)	(kg)
Product ID	4.319	Edgesafe	500	7
	4.3195	Edgesafe	1000	12
	4.320	Edgesafe	2000	22
	4.325	Edgesafe	2500	27
	4.330	Edgesafe	3000**	31
	4.335	Edgesafe	3500**	37
	4.346	Edgesafe-Mesh	2700	26

\*Panel only - excludes clamps.

\*\* On larger panels consideration should be given to providing a third central clamp to reduce deflection - particularly if there is a possibility of more than one person working immediately against the panel.

Edgesafe-Mesh panels can be attached to all MGF trench sheets and sheet piles.



The Edgesafe-Mesh sheet clamp can secure anywhere within the mesh panel.

## EDGESAFE CONNECTING CLAMPS



### 60-110 THICK PANEL CONNECTOR CLAMP

Made from S275 steel and designed to be used on all 60-110mm thick MGF boxes. The pin is used to connect the clamp to the Edgesafe panel. The clamping screw and integrated spanner are used to fix the clamp to the box panel.

Product ID	Weight
	(kg)
4.314	<b>9</b>



### SHEET CONNECTOR CLAMP

Made from S275 steel and designed to be used on all MGF trench sheets and sheet piles. The top bolt is used to connect the clamp to the Edgesafe panel. The bottom 2 bolts are used to fix the clamp to the sheet.

Product ID	Weight
	(kg)
4.318	<b>5</b>



### 60-110 THICK PANEL OFFSET CONNECTOR CLAMP

Made from S275 steel and designed to be used on all 60-110mm thick MGF trench and manhole boxes, the pin is used to connect the clamp to the Edgesafe panel. The clamping screw and integrated spanner are used to fix the clamp to the box panel. This bracket offsets the Edgesafe panel by 300mm - allowing Edgesafe to be installed whilst the box is being driven, ensure the brackets are located such that they will not be struck by the excavator bucket, as well as keeping operatives away from the edge of the excavation.

Product ID	Weight
	(kg)
4.313	<b>12</b>

## 60-150 THICK PANEL OVERLAPPING CONNECTOR CLAMP

Made from S275 steel and designed to be used on all 60-150mm thick MGF trench boxes, manhole boxes and drag boxes. The pin is used to connect the clamp to the Edgesafe panel. The clamping screw and integrated spanner are used to fix the clamp to the box panel. The bracket allows Edgesafe panels to overlap when installed on the box panel and extend beyond the extents of the box by up to 1.0m (3.0m and 3.5m Edgesafe panels only).

Product ID	Weight
	(kg)
4.311	10



## EDGESAFE-MESH CONNECTING CLAMP

### SHEET CONNECTOR CLAMP

Made from S275 steel and designed to be used on all MGF trench sheets and sheet piles. The 2 bolts are used to fix the clamp to the sheet. The Edgesafe-Mesh panels simply sleeve over the tube and sit on the hook. Edgesafe-Mesh panels can simply overlap by sharing sheet connector clamps.

Product ID	Weight
	(kg)
4.3185	8



**FOR SAFE SYSTEM OF WORKS  
GUIDANCE FOR MGF EDGESAFE:**

[mgf.ltd.uk/installation-guidance](http://mgf.ltd.uk/installation-guidance)

