

**PRODUCT INFORMATION****Eye Safety Fence ESF**

The Eye Safety Fence (ESF) protective fence system is characterised by its versatile applications. One example is in welding and laser processing lines, especially on a larger scale, as well as processes that require high safety standards. The system is offered in two standard heights (2200 mm and 2700 mm) but can be customised according to project requirements if needed. The ground clearance of 175 mm can be reduced to 20 mm with the ground element.

The well-thought-out technical design allows for lateral tolerance compensation, making installation easy to carry out. Shortening the elements in the width of the panel elements can be done on-site with common assembly tools, without the need for additional work or repainting.

The sheet metal panel elements are hung in the posts, facilitating easy installation by a single person with significant time savings. During assembly, the panel elements overlap, creating a completely light-impenetrable surface. Openings for, for example, the installation of control cabinets are possible.

The posts are made from a shaped tube, and during production, cutouts for hanging the panel elements are already incorporated on the sides. At two locations, there are two bendable tabs that enable grounding.

Optional visibility into the process can be achieved through a window with various fillings, such as polycarbonate or welding protection.

Technical Data Fence sytem Eye Safety Fence

Sheet metal panel elements Eye Safety Fence Measurements in mm

	Designation	Window Filling	Element Height	Element Width	Center-to-Center Dimension
ESF-FE	Field Element	O/P/SSB/SSG	500	1000, 1500, 2000, 2500, 3000, 3500, 4000	1040, 1540, 2040, 2540, 3040, 3540, 4040
ESF-BE	Ground Element	O/P/SSB/SSG	180	1000, 1500, 2000, 2500, 3000, 3500, 4000	1040, 1540, 2040, 2540, 3040, 3540, 4040

Doors Measurements in mm

	Designation	Window Filling	Ground Clearance	Door Height	Clear Width
ESF-FTW	Swinging Door, double-sided	O/P/SSB/SSG	20, 175	2200	1000, 1200
ESF-FTWO	Swinging Door, double-sided with transom	O/P/SSB/SSG	20, 175	2700	1000, 1200
ESF-STW	Sliding Door, double-sided	O/P/SSB/SSG	20, 175	2200	1000, 1500, 2000
ESF-STWO	Sliding Door, double-sided with transom	O/P/SSB/SSG	20, 175	2700	1000, 1500, 2000
ESF-DFTW	Double Swinging Door, double-sided	O/P/SSB/SSG	20, 175	2200	2000, 2400
ESF-DFTWO	Double Swinging Door, double-sided with transom	O/P/SSB/SSG	20, 175	2700	2000, 2400

Posts Measurements in mm

	Designation	Dimension	Height	Base plate
ESF-DP	Passage Post	QR80	2200, 2700	200 × 200
ESF-EPA	External Corner Post	QR80	2200, 2700	200 × 200
ESF-EPI	Internal Corner Post	QR80	2200, 2700	200 × 200
ESF-TP	T-Junction Post	QR80	2200, 2700	200 × 200