



# Safety Fence System FLEX

First in safety. The simplest protective fencing system.



## Flexible, efficient, perfect



Especially simple and modular



In stock and ready to ship within 8 days



All standard colours possible



Spare parts are quickly available

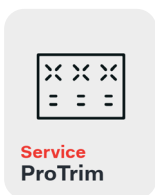


Absolutely economical

Simply combine high-quality mesh elements and effective service packages to create your individual FLEX safety fence. With your offer, you will receive a free detailed 3D drawing of your safety fence (ProService). Do you need further support? Then add our ProTrim, ProDesign and ProMeasure services simply and flexibly.

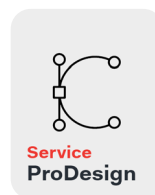
Our FLEX protective fencing system ensures maximum efficiency and safety.

## Your Services



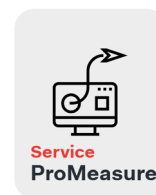
Service  
ProTrim

Book our ProTrim service and you will get the mesh elements precisely tailored to your construction site.



Service  
ProDesign

With the ProDesign service you receive an individual technical planning for your special application.



Service  
ProMeasure

The service ProMeasure offers you individual advice and on-site measuring by one of our security specialists.



# Safety Fence System FLEX

The simplest protective fencing system is ready to ship within 8 days

The FLEX safety fence system is a stable separating protective device, according to MRL 2006/42/EC, DIN EN ISO 12100, DIN EN ISO 13857, DIN EN ISO 14120 and DIN EN ISO 14119. The safety fence system is compatible with all Brühl door products. The mesh elements can be quickly shortened in width in 23 mm steps without the need of an additional conversion kit. The 20x200 mm mesh size allows you a safety distance of only 120 mm. Due to the integrated horizontally arranged flat bars, distances between the posts of 2000 mm are easily possible, so that you need fewer posts and save valuable installation time.

### Stock items

The products highlighted in red are stock items that will be powder-coated in a standard colour of your choice. These can be delivered particularly quickly and economically. Up to an order value of 25.000€, these products are ready to ship or pick up within 8 days after order confirmation. All other mesh elements are cut to your desired size (also intermediate sizes) with the ProTrim service for 15€ per piece. The other standard doors are produced for you according to your order.

### Standard mesh elements for safety fence system FLEX II

Fence height	Product	Ground clearance 175mm	real axle size																			
			303,5	395,5	510,5	602,5	694,5	809,5	901,5	993,5	1108,5	1200,5	1292,5	1407,5	1499,5	1614,5	1706,5	1798,5	1913,5	2005,5	2097,5	2212,5
			Mat width b (axle size - post profile - 20 mm)																			
1400	SF2	-1225	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-1844	-1936	-2028	-2143
1600	SF2	-1425	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-1844	-1936	-2028	-2143
1800	SF2	-1625	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-1844	-1936	-2028	-2143
2000	SF2	-1825	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-1844	-1936	-2028	-2143
2200	SF2	-2025	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-1844	-1936	-2028	-2143
2400	SF2	-2225	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-1844	-1936	-	-
2600	SF2	-2425	-234	-326	-441	-533	-625	-740	-832	-924	-1039	-1131	-1223	-1338	-1430	-1545	-1637	-1729	-	-	-	-

### Hinged door FTW reciprocally mountable

Build	FLEX	Ground clearance	Fence height	Axle size from post centre to post centre			
FTW	-F	-175	-1400	-800	-1000	-1200	-1400
FTW	-F	-175	-1600	-800	-1000	-1200	-1400
FTW	-F	-175	-1800	-800	-1000	-1200	-1400
FTW	-F	-175	-2000	-800	-1000	-1200	-1400
FTW	-F	-175	-2200	-800	-1000	-1200	-1400
FTW	-F	-175	-2400	-800	-1000	-1200	-1400
FTW	-F	-175	-2600	-800	-1000	-1200	-1400

The Brühl hinged doors (FTW) do not contain any hidden costs. A door consists of two posts, a door leaf and a screwable mounting aid. The hinges can be screwed on both sides, so that you can determine the opening direction on site. You don't need kits: Brühl doors are complete and fully usable (don't need to be configured from individual parts).

### Sliding door for handle or hook lock

Build	Ground clearance	Fence height	Axle size from post centre to post centre											
STW	-175	-2000	-800	-1000	-1200	-1400	-1600	-1800	-2000	-2200	-2400	-2600	-2800	-2900
STW	-175	-2200	-800	-1000	-1200	-1400	-1600	-1800	-2000	-2200	-2400	-2600	-2800	-2900
STW	-175	-2400	-800	-1000	-1200	-1400	-1600	-1800	-2000	-2200	-2400	-2600	-2800	-2900
STW	-175	-2600	-800	-1000	-1200	-1400	-1600	-1800	-2000	-2200	-2400	-2600	-2800	-2900

A sliding door (ST) consists of three posts, a door leaf and a guide rail. The additional guide post can be moved if the clear width should be reduced or if there is an obstacle on the floor. You don't need kits: Brühl doors are complete and fully usable (don't need to be configured from individual parts). Without any hidden costs!

### Posts

Passage posts	Corner posts	T-joint posts	Post profile	Fence Height
DP	EP	TP	QR50	-1400
DP	EP	TP	QR50	-1600
DP	EP	TP	QR50	-1800
DP	EP	TP	QR50	-2000
DP	EP	TP	QR50	-2200
DP	EP	TP	QR50	-2400
DP	EP	TP	QR60	-2600

Passage posts are used for straight fences or sloping fences of up to 30 degrees. Internal corners are also realized with passage posts, while external corners are realized with a corner post. T-joint posts are used for a T-joint fence.

**Brühl****Double sliding door DST**

Build	Ground clearance	Fence height	Axle size from post centre to post centre						
			-1600	-1800	-2000	-2200	-2400	-2600	-2800
DST	-175	-2000	-1600	-1800	-2000	-2200	-2400	-2600	-2800
DST	-175	-2200	-1600	-1800	-2000	-2200	-2400	-2600	-2800
DST	-175	-2400	-1600	-1800	-2000	-2200	-2400	-2600	-2800
DST	-175	-2600	-1600	-1800	-2000	-2200	-2400	-2600	-2800

The Brühl double sliding door has the same posts as the STW. The special aluminum profile, durable steel rollers and a polyamide guide made of polyamide guarantee a very and precise opening and closing of the two and closing of the two door leaves, which can be opened to the left and right outside the clear width.

**Advantages at a glance****Fast delivery**

Stock items (highlighted in red) are ready to ship or pick up within 8 days.

**Flexible widths**

Mesh elements can be shortened in the width in a raster of 23 mm.

**Captivity of mounting material**

Mounting material always remains with screws on the elements.

**High flatness, optimum process visibility**

Due to frameless design with rectangle opening of 20 × 200 mm.

Tip: especially with black mesh elements!

**Easy mounting**

Lateral mounting tolerance of +/- 4 mm per mesh element

**Flexible angular position**

Fence course can be mounted at any angle (oval fence planning possible).

**High stability with low weight**

Mesh elements consist of round wires and rounded flat steel.

**Integrated height compensation**

Per mesh element +6/-1 mm.

**Certified and tested quality**

Brühl Safety is certified according to ISO 9001:2015. All products are carefully tested in our own test laboratories. For your safety! Only when they have proven their durability in realistic simulated stress tests are they released for the market. The protective fence systems are tested with a pendulum test method according to EN ISO 14120 Annex C.

Proven stress for the FLEX safety fence system in combination with their fastening material according to EN ISO 14120 Annex C Pendulum test method

Fastening clamp	Stress
FL2-V5 (Standard)	700 Joule
FL2-V7	1600 Joule
FL1-V2	2250 Joule

You would like to learn more about the simplest protective fencing system FLEX? On our product page you will find all the information, advantages, and standard references.

<https://www.bruehl-safety.com/en/products/safety-fence-systems/flex-ii>

**Colors****Standardcolors**

<b>RAL 1021</b> rape yellow	<b>RAL 1018</b> zinc yellow	<b>RAL 3020</b> traffic red	<b>RAL 5005</b> signal blue	<b>RAL 5017</b> traffice blue	<b>RAL 7016</b> anthracite grey	<b>RAL 7035</b> light grey	<b>RAL 7037</b> dusty grey	<b>RAL 9005</b> jet black	hot-dip galvanised*

\*Add 3 working days delivery time

The safety guard should be powder-coated in a different colour to match the corporate design of your machine? With a small surcharge, you can choose from all available RAL colours due to our in-house powder coating line.

## Mounting systems for safety switches

In addition to your safety door, Brühl offers an extensive range of mounting systems for safety switches that can be used for any application. If you have not specified a mounting system or safety switch in your enquiry, **then no mounting system is included in the scope of delivery!**

Contact us if you need a mounting system for safety switches!

<https://www.bruehl-safety.com/en/products/attachment-systems-for-safety-switches>

## CE marking

All safety fence systems introduced to the market by Brühl are CE-marked as a whole and fully comply with the defined specifications of the Machinery Directive. Thanks to ISO 9001:2015 quality-monitored manufacturing, an extremely robust and stable product design and the use of advanced technologies, machine manufacturers rely on CE-compliant quality and safety with Brühl safety fence systems. In addition to compliance with the DIN standard EN ISO 17000:2004 for a safety fence system, Brühl also guarantees the preparation and transmission of the CE declaration of conformity when a complete safety fence system is delivered.

With the order confirmation you will receive access to the Brühl customer portal where you can download the declaration of conformity (available in the 24 official languages of the European Union) and the operating instructions (available in German, English, Spanish, French, Italian, Czech, Danish, and Hungarian). Furthermore, the declaration of conformity and the operating instructions are enclosed in the language indicated.

## Free 3D components

Do you need 3D components for your protective device?

You can download them easily and completely free of charge at <https://www.bruehl-safety.com/en/service>.

The desired component can be imported into your CAD system in all common CAD formats via download or sent directly by e-mail. You have not found the component you are looking for? Then please contact us at [info@bruehl-safety.com](mailto:info@bruehl-safety.com).

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