



EASILY CONSTRUCTED SAFETY FENCE SYSTEM



ROBOTUNITS®

Safety standard requirements have never been as demanding as today. National and international standards have to be considered. Quickly changing production requirements and continuous upgrades and adaptations require a flexible and time-saving Safety Fence System.

Order completely pre-assembled components that are easily and quickly installed. Nothing is so simple and safe as the Safety Fence System from Robotunits.



Turn-key offer

- Included in the price and delivery: ready-to-insert, completely assembled elements (including safety fence foot and connectors between elements)
- modular safety fence system with flat and door panels
- standard widths from 518 mm to 1507 mm or special-width panels
- standard height 2200 mm or special height panels



Ready to install

- easy installation of fully assembled panels
- minimum installation time



One Mesh Clip, many functions

- impact rated up to 80 kg at 10 km/h
- small number of parts
- visually appealing design



High flexibility

- quick installation of all panels
- panels can be easily removed to gain access to machine area
- adjustable to any angle



Easy installation

- only one person required for setup
- only one Allen wrench size needed
- reusable components



Fully integrated Safety Fence System

- uniform slot size and shape
- completely compatible with entire Modular Automation System
- quick and easy attachment of accessories
- use of standard screws and standard panels



Save time, cut cost

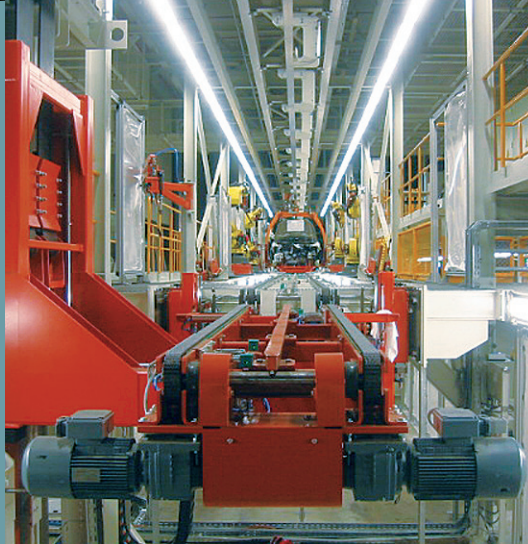
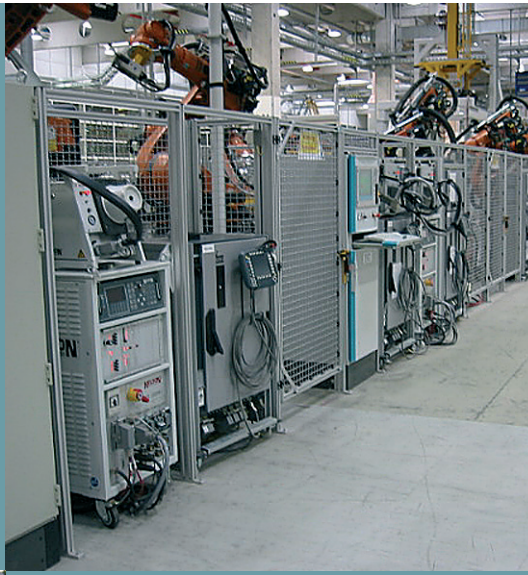
- no additional design expenses
- simple panel selection
- efficient one-person installation
- simple adjustment and setup on-site
- just one order code for the complete safety fence panels
- easy attachment of accessories (safety switches, etc.)



Safety

- complete documentation
- meets European Machinery Safety Standards and the latest automotive industry specifications

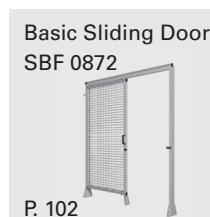
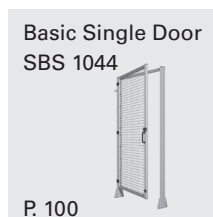
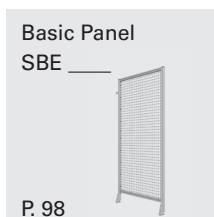




Easily constructed Safety Fence System

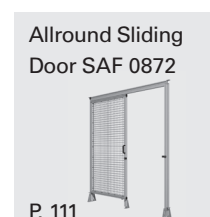
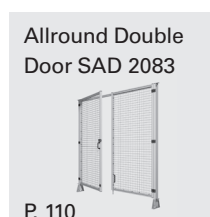
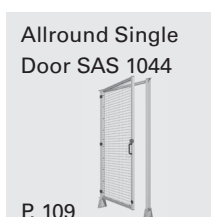
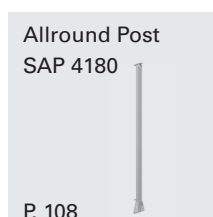
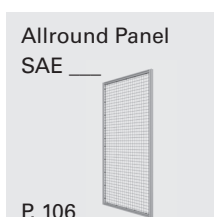
Basic System

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Allround System

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Safety Fence Accessory Overview

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Safety Distances for Safety Systems

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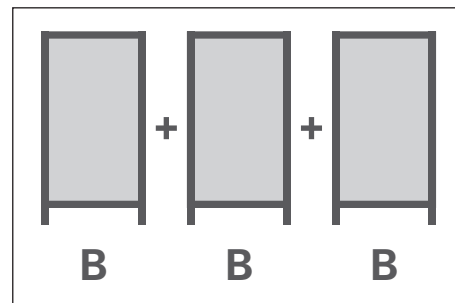
Basic System

The Basic system is the “classic” among Robotunits safety fence systems. Easy to use and low in price. Ideal for standard applications in machine design and in production automation.

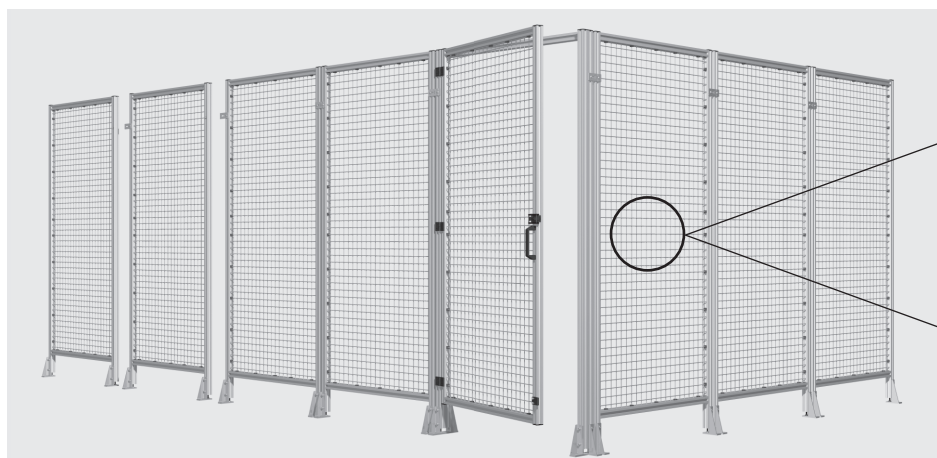
The Basic system is capable of stopping up to 80 kg at 10 km/h.

How does the Basic system work?

With the Basic system, the Basic panels (B) or Basic doors (D) are lined up and then directly connected with one another using Safety Fence Fasteners.



Basic System Overview



Panel Options

Weld Mesh with Weld Mesh Clip



Polycarbonate with Panel Profile



Basic Panel



Basic Doors

Single Door



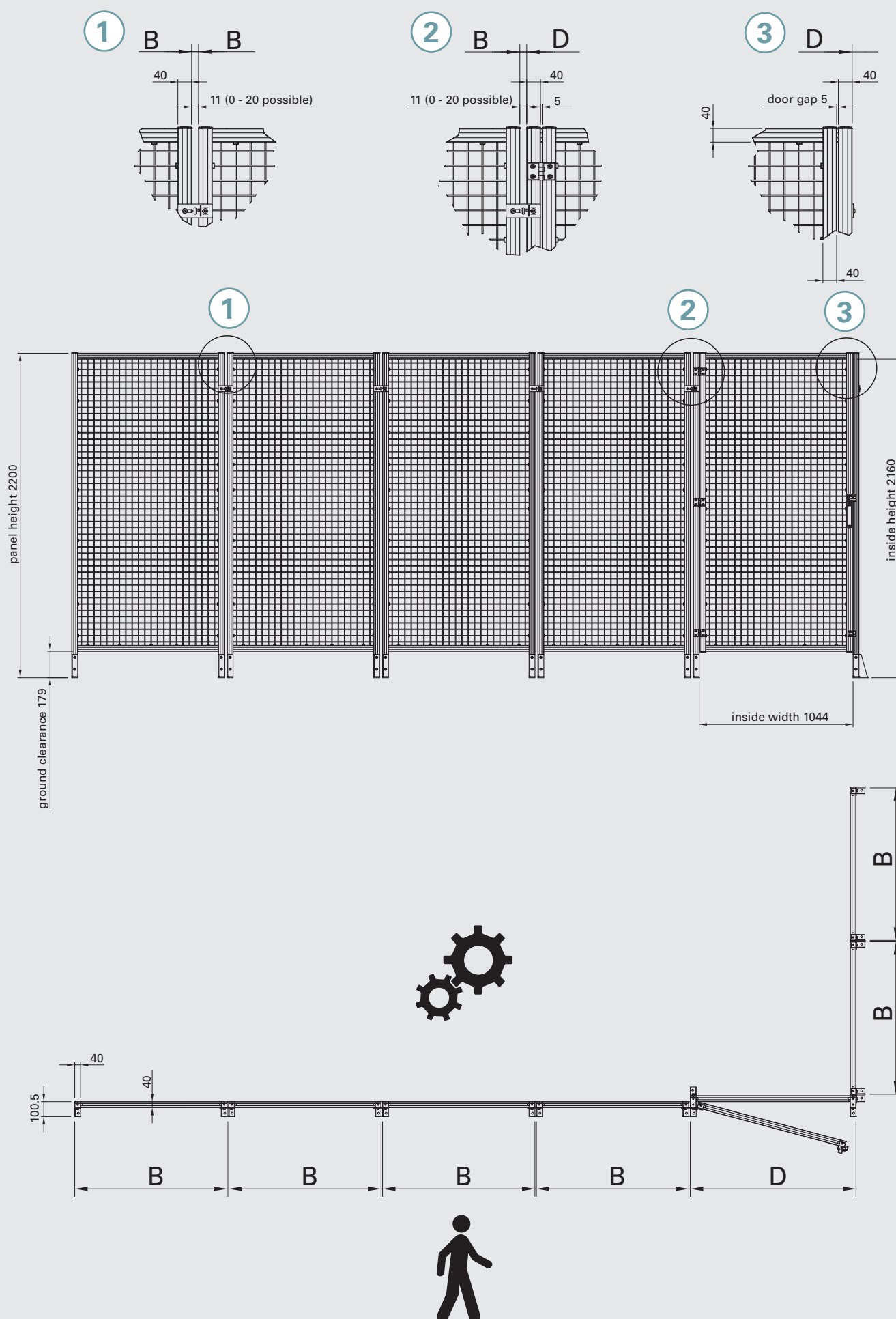
Double Door

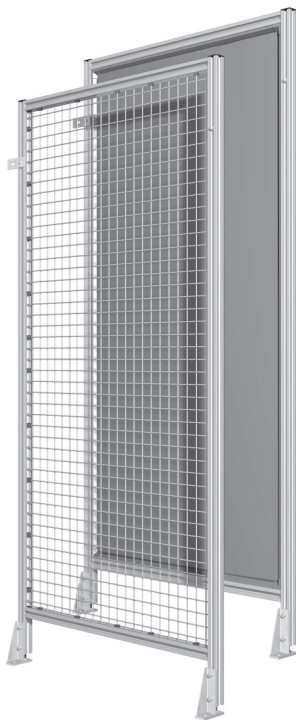


Sliding Door



Basic System Dimensions





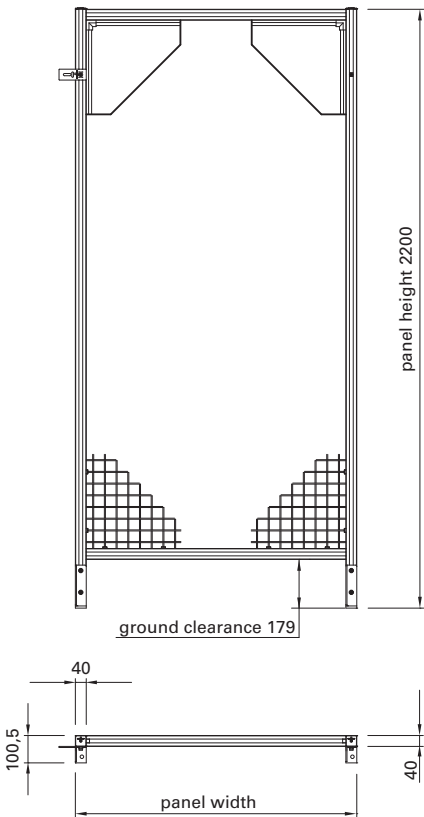
Panel Options:
Weld Mesh or
4 mm thick Polycarbonate

Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

- Scope of Delivery**
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 40 PIL 4140
 - 2 Horizontal Extrusions 40 x 40 PIL 4140
 - 4 Fasteners FAS 4043, conductive
 - 1 Safety Fence Fastener TIN 4511
 - 2 End Caps CAP 4041
 - 2 Safety Fence Floor Brackets BAP 2051
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile

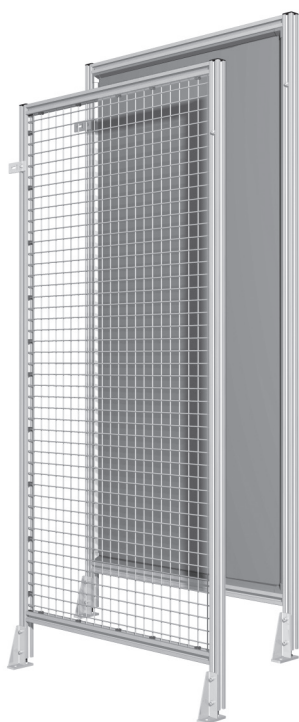
Design tip:
Standard widths offer an outstanding price/performance ratio and quick delivery.



Order Code

Description	Panel Width	Panel Option	Order Code	
				Weight
Basic Panel Standard Width	0518	Weld Mesh	SBE 0518 SNA 2200	11.797 kg
Basic Panel Standard Width	0776	Weld Mesh	SBE 0776 SNA 2200	14.610 kg
Basic Panel Standard Width	1034	Weld Mesh	SBE 1034 SNA 2200	17.425 kg
Basic Panel Standard Width	1507	Weld Mesh	SBE 1507 SNA 2200	22.584 kg
Basic Panel Standard Width	0518	Polycarbonate	SBE 0518 PNA 2200	12.993 kg
Basic Panel Standard Width	0776	Polycarbonate	SBE 0776 PNA 2200	16.120 kg
Basic Panel Standard Width	1034	Polycarbonate	SBE 1034 PNA 2200	19.246 kg
Basic Panel Standard Width	1507	Polycarbonate	SBE 1507 PNA 2200	24.977 kg

Drawing dimensions in mm

**Panel Options:**

Weld Mesh or
4 mm thick Polycarbonate

Application

For general safety fencing

Technical Data

Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

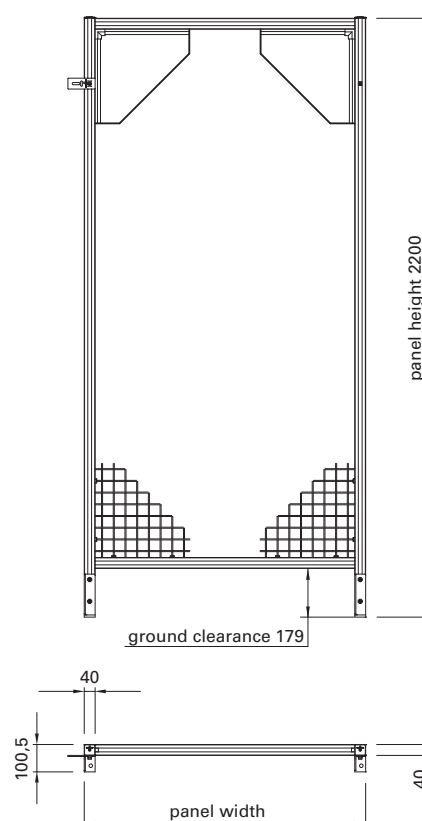
Scope of Delivery

Completely pre-assembled, consisting of:

- 2 Post Extrusions 40 x 40 PIL 4140
 - 2 Horizontal Extrusions 40 x 40 PIL 4140
 - 4 Fasteners FAS 4043, conductive
 - 1 Safety Fence Fastener TIN 4511
 - 2 End Caps CAP 4041
 - 2 Safety Fence Floor Brackets BAP 2051
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile

Note for Polycarbonate panel option:

Any special widths from 152 mm to 1506 are available.



Order Code

Description	Panel Width	Panel Option	Order Code	Weight
Basic Panel Special Width	0131	Weld Mesh	SBE 0131 SNA 2200	7.578 kg
Basic Panel Special Width	0174	Weld Mesh	SBE 0174 SNA 2200	8.046 kg
Basic Panel Special Width	0217	Weld Mesh	SBE 0217 SNA 2200	8.515 kg
Basic Panel Special Width	0260	Weld Mesh	SBE 0260 SNA 2200	8.984 kg
Basic Panel Special Width	0303	Weld Mesh	SBE 0303 SNA 2200	9.453 kg
Basic Panel Special Width	0346	Weld Mesh	SBE 0346 SNA 2200	9.922 kg
Basic Panel Special Width	0389	Weld Mesh	SBE 0389 SNA 2200	10.391 kg
Basic Panel Special Width	0432	Weld Mesh	SBE 0432 SNA 2200	10.859 kg
Basic Panel Special Width	0475	Weld Mesh	SBE 0475 SNA 2200	11.328 kg
Basic Panel Special Width	0561	Weld Mesh	SBE 0561 SNA 2200	12.266 kg
Basic Panel Special Width	0604	Weld Mesh	SBE 0604 SNA 2200	12.735 kg
Basic Panel Special Width	0647	Weld Mesh	SBE 0647 SNA 2200	13.204 kg
Basic Panel Special Width	0690	Weld Mesh	SBE 0690 SNA 2200	13.672 kg
Basic Panel Special Width	0733	Weld Mesh	SBE 0733 SNA 2200	14.141 kg
Basic Panel Special Width	0819	Weld Mesh	SBE 0819 SNA 2200	15.079 kg
Basic Panel Special Width	0862	Weld Mesh	SBE 0862 SNA 2200	15.548 kg
Basic Panel Special Width	0905	Weld Mesh	SBE 0905 SNA 2200	16.018 kg
Basic Panel Special Width	0948	Weld Mesh	SBE 0948 SNA 2200	16.487 kg
Basic Panel Special Width	0991	Weld Mesh	SBE 0991 SNA 2200	16.956 kg
Basic Panel Special Width	1077	Weld Mesh	SBE 1077 SNA 2200	17.894 kg
Basic Panel Special Width	1120	Weld Mesh	SBE 1120 SNA 2200	18.363 kg
Basic Panel Special Width	1163	Weld Mesh	SBE 1163 SNA 2200	18.832 kg
Basic Panel Special Width	1206	Weld Mesh	SBE 1206 SNA 2200	19.301 kg
Basic Panel Special Width	1249	Weld Mesh	SBE 1249 SNA 2200	19.770 kg
Basic Panel Special Width	1292	Weld Mesh	SBE 1292 SNA 2200	20.239 kg
Basic Panel Special Width	1335	Weld Mesh	SBE 1335 SNA 2200	20.708 kg
Basic Panel Special Width	1378	Weld Mesh	SBE 1378 SNA 2200	21.177 kg
Basic Panel Special Width	1421	Weld Mesh	SBE 1421 SNA 2200	21.646 kg
Basic Panel Special Width	1464	Weld Mesh	SBE 1464 SNA 2200	22.115 kg

SBS 1044

Basic Single Door



Left-hand hung Single Door

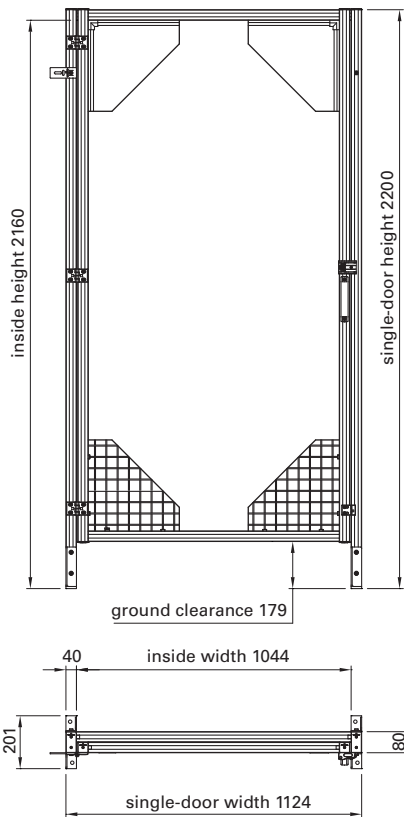


Design tip:
Safety fence door elements may need to be additionally grounded.

Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

- Scope of Delivery**
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 80 PIL 4180
 - 1 Horizontal Extrusion 40 x 40 PIL 4140
 - 4 Door Panel Extrusions 40 x 40 PIL 4140
 - 6 Fasteners FAS 4043, conductive
 - 1 Safety Fence Fastener TIN 4511
 - 4 End Caps CAP 4041
 - 2 End Caps CAP 4081
 - 4 Safety Fence Floor Brackets BAP 2051
 - 1 Handle DOR 4501
 - 3 Hinges DOR 4511
 - 1 Door Catch DOR 4553
 - 1 Door Stop DOR 4555
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile



Order Code

			Order Code	Weight
Description	Hinge Position	Panel Option		
Basic Single Door	Left	Weld Mesh	SBS 1044 SLA 2160	29.974 kg
Basic Single Door	Right	Weld Mesh	SBS 1044 SRA 2160	29.974 kg
Basic Single Door	Left	Polycarbonate	SBS 1044 PLA 2160	31.795 kg
Basic Single Door	Right	Polycarbonate	SBS 1044 PRA 2160	31.795 kg

Drawing dimensions in mm

SBD 2083

Basic Double Door



Left-hand hung Double Door

Design tip:

Safety fence door elements may need to be additionally grounded.

Application

For general safety fencing

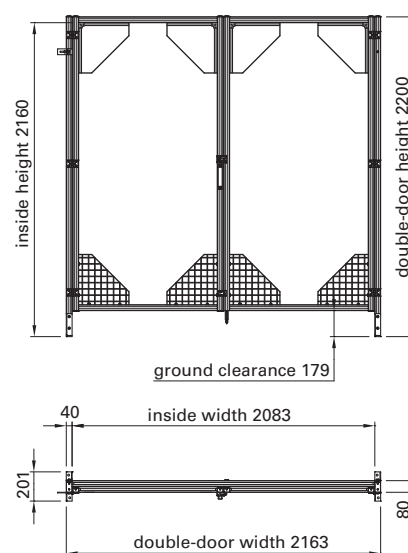
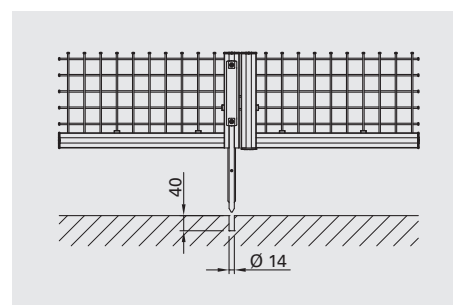
Technical Data

Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

Scope of Delivery

Completely pre-assembled, consisting of:

- 2 Post Extrusions 40 x 80 PIL 4180
 - 1 Horizontal Extrusion 40 x 40 PIL 4140
 - 8 Door Panel Extrusions 40 x 40 PIL 4140
 - 10 Fasteners FAS 4043, conductive
 - 1 Safety Fence Fastener TIN 4511
 - 7 End Caps CAP 4041
 - 2 End Caps CAP 4081
 - 4 Safety Fence Floor Brackets BAP 2051
 - 1 Handle DOR 4501
 - 6 Hinges DOR 4511
 - 1 Door Catch DOR 4553
 - 1 Door Stop DOR 4555
 - 1 Floor Catch DOR 4561
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile

**Floor Catch****Order Code**

			Order Code	
Description	Hinge Position	Panel Option		Weight
Basic Double Door	Left	Weld Mesh	SBD 2083 SLA 2160	48.098 kg
Basic Double Door	Right	Weld Mesh	SBD 2083 SRA 2160	48.098 kg
Basic Double Door	Left	Polycarbonate	SBD 2083 PLA 2160	51.739 kg
Basic Double Door	Right	Polycarbonate	SBD 2083 PRA 2160	51.739 kg

Drawing dimensions in mm

SBF 0872

Basic Sliding Door



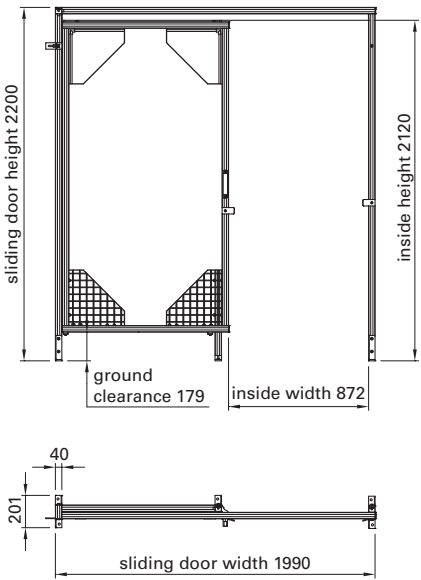
Sliding door opening on right

Design tip:
Safety fence door elements may need to be additionally grounded.

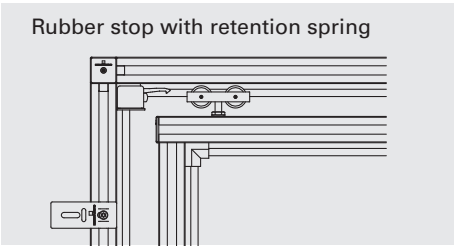
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

- Scope of Delivery**
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 80 PIL 4180
 - 1 Horizontal Extrusion 40 x 40 PIL 4140
 - 4 Sliding Door Extrusions 40 x 40 PIL 4140
 - 3 Fixed Panel Extrusions 40 x 40 PIL 4140
 - 10 Fasteners FAS 4043, conductive
 - 1 Fastener FAS 4083
 - 1 Safety Fence Fastener TIN 4511
 - 9 End Caps CAP 4041
 - 5 Safety Fence Floor Brackets BAP 2051
 - 2 Roller Sets DOR 4031
 - 2 Sliding Door Stops DOR 4032
 - 1 Aluminum Guiderail DOL 4034
 - 1 Handle DOR 4501
 - 2 Centering Guides DOR 4571
 - 2 Sliders DOR 4573
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile



Rubber stop

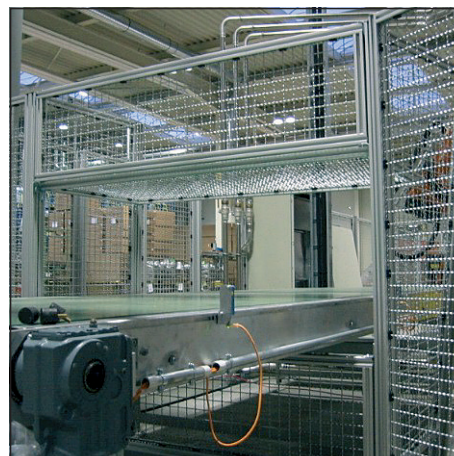
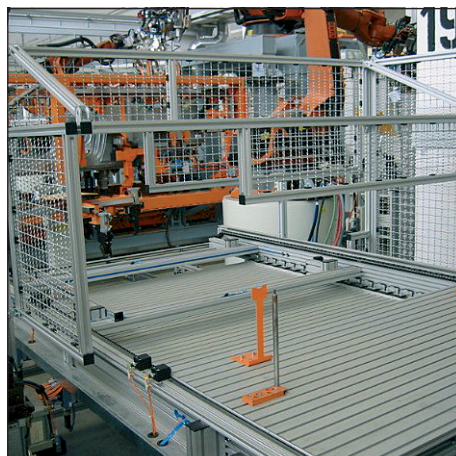
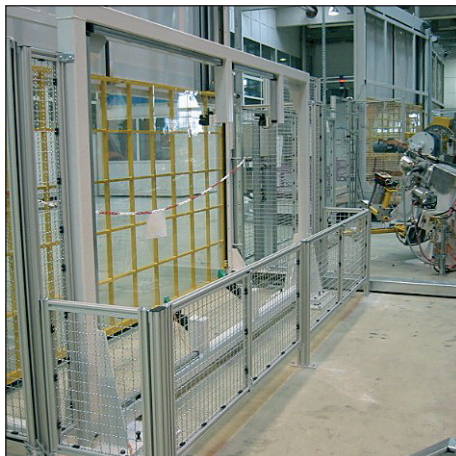


Order Code

Description	Door Opening	Panel Option	Order Code		Weight
Basic Sliding Door	Left	Weld Mesh	SBF 0872 SLA 2120		46.060 kg
Basic Sliding Door	Right	Weld Mesh	SBF 0872 SRA 2120		46.060 kg
Basic Sliding Door	Left	Polycarbonate	SBF 0872 PLA 2120		50.202 kg
Basic Sliding Door	Right	Polycarbonate	SBF 0872 PRA 2120		50.202 kg

Drawing dimensions in mm

Safety Fence Application Examples



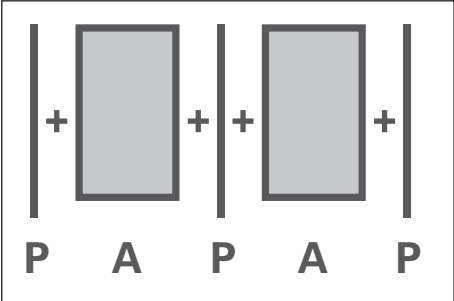
Allround System

The Allround system offers high flexibility. Panels can be attached and removed from the pre-assembled posts. This allows for easy access to the safety area without disconnecting any accessories attached to the posts, e.g. air hoses, safety equipment etc.

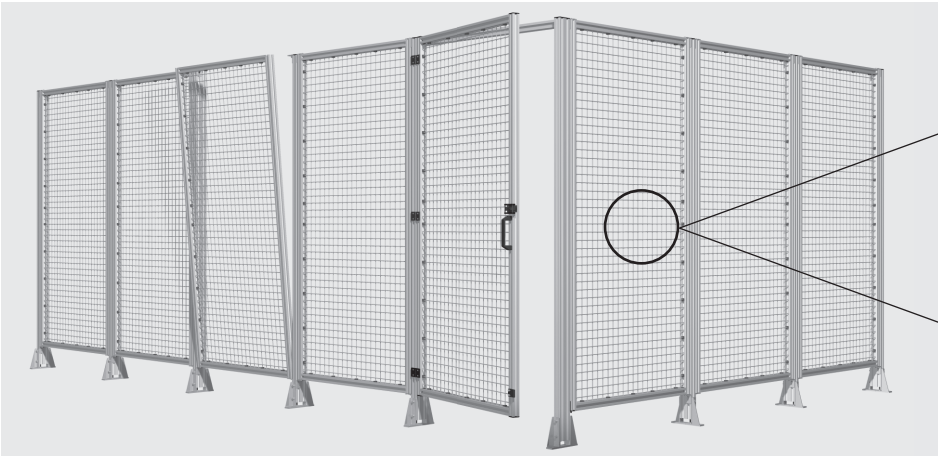
The Allround system is capable of stopping up to 80 kg at 10 km/h.

How does the Allround system work?

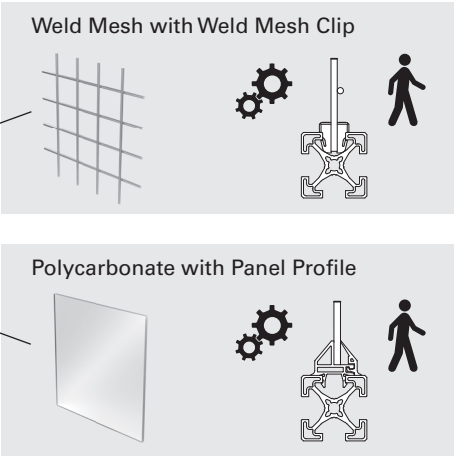
In the Allround System, Allround panels (A) are fitted and bolted to the pre-assembled posts (P).



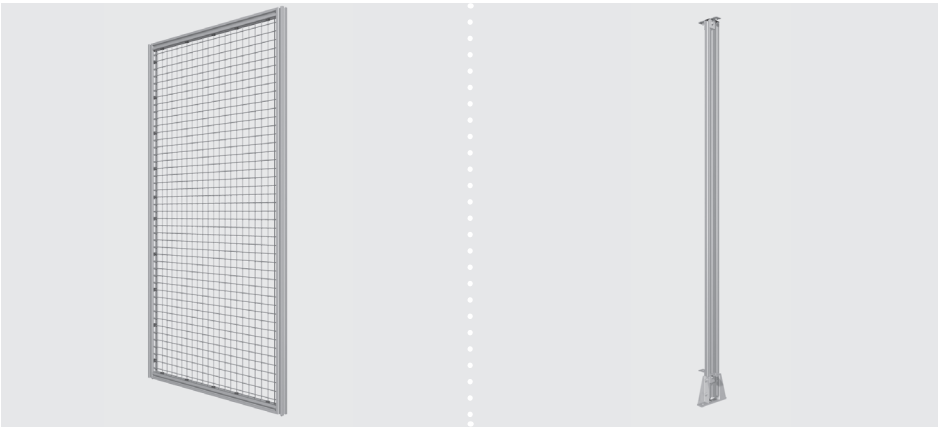
Allround System Overview



Panel Options



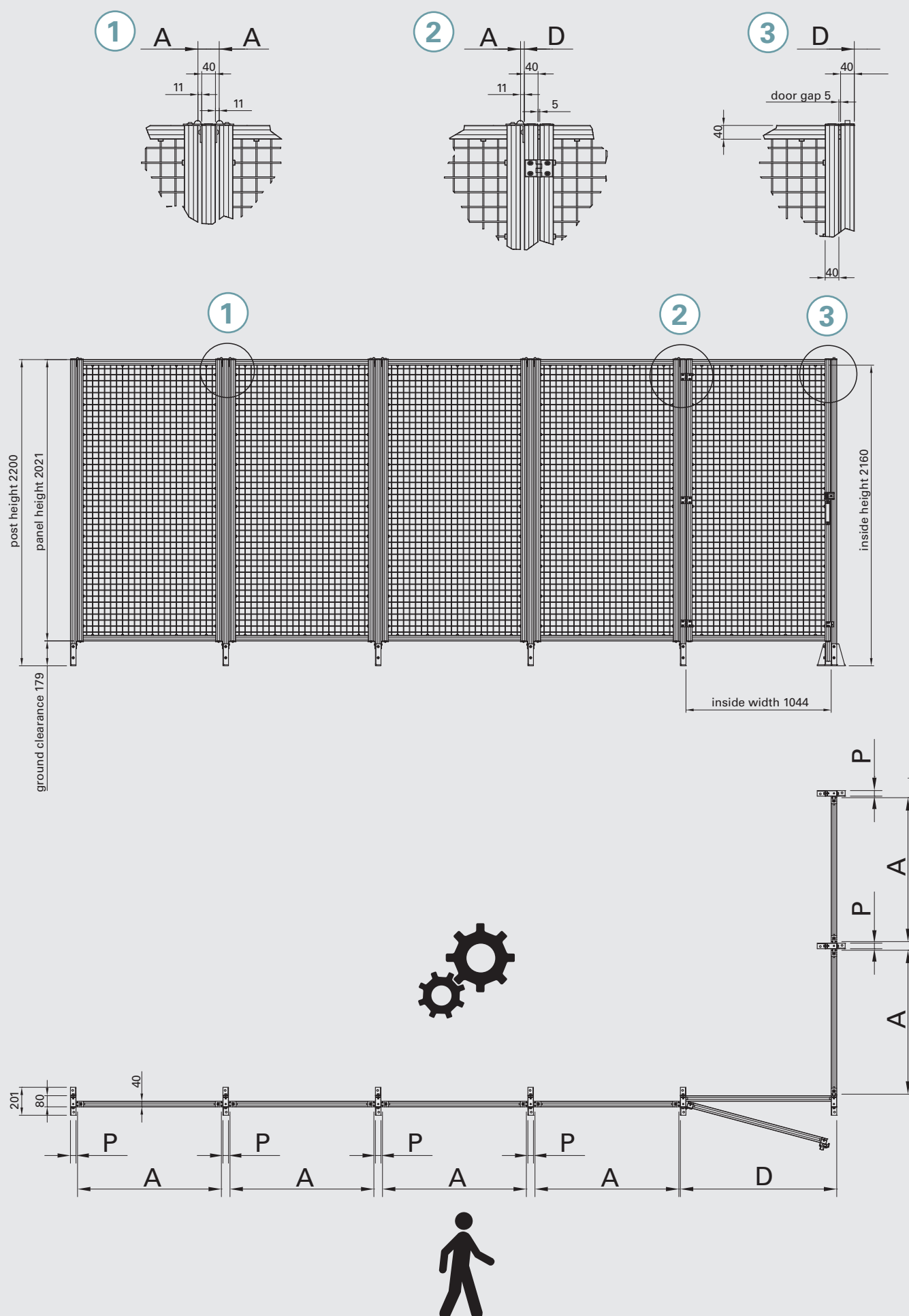
Allround Panel and Post

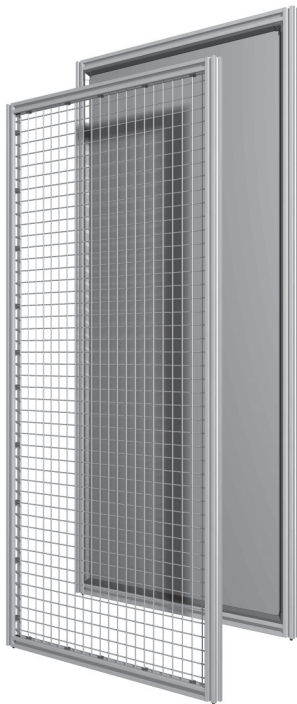


Allround Doors



Allround System Dimensions





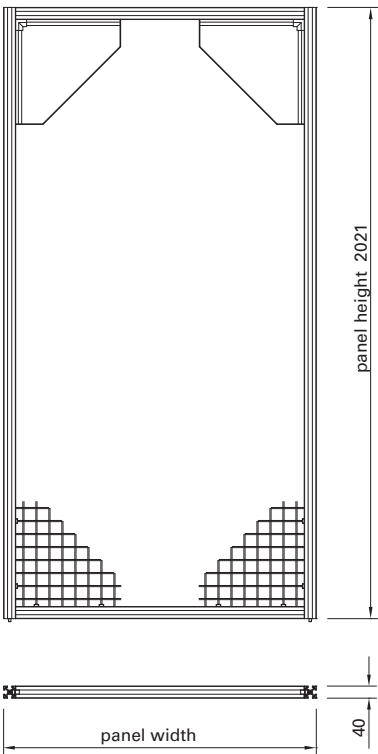
Panel Options:
Weld Mesh or
4 mm thick Polycarbonate

Application
For general safety fencing in
combination with Allround posts

Technical Data
Material: EN AW-6063-T66 clear
anodized aluminum; galvanized steel;
Weld Mesh or Polycarbonate;
conductive Weld Mesh and frame

- Scope of Delivery**
Completely pre-assembled, consisting of:
- 4 Extrusions 40x40 PIL 4140
 - 4 Fasteners FAS 4043, conductive
 - 2 Bolts SSP 4900
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile

Design tip:
Standard widths offer an outstanding
price/performance ratio and quick
delivery.



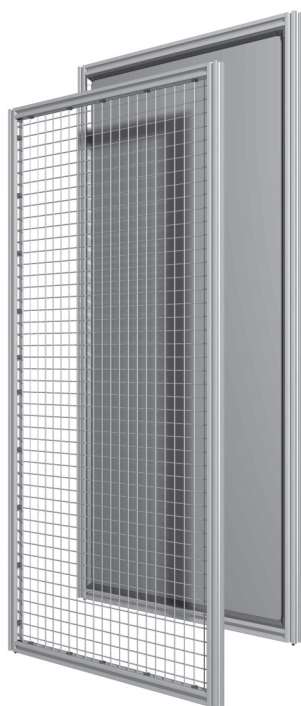
Order Code

Description	Panel Width	Panel Option	Order Code	
				Weight
Allround Panel Standard Width	0518	Weld Mesh	SAE 0518 SNN 2021	10.034 kg
Allround Panel Standard Width	0776	Weld Mesh	SAE 0776 SNN 2021	12.847 kg
Allround Panel Standard Width	1034	Weld Mesh	SAE 1034 SNN 2021	15.661 kg
Allround Panel Standard Width	1507	Weld Mesh	SAE 1507 SNN 2021	20.820 kg
Allround Panel Standard Width	0518	Polycarbonate	SAE 0518 PNN 2021	11.230 kg
Allround Panel Standard Width	0776	Polycarbonate	SAE 0776 PNN 2021	14.356 kg
Allround Panel Standard Width	1034	Polycarbonate	SAE 1034 PNN 2021	17.482 kg
Allround Panel Standard Width	1507	Polycarbonate	SAE 1507 PNN 2021	23.214 kg

Drawing dimensions in mm

SAE _____

Allround Panel Special Width



Panel Options:

Weld Mesh or
4 mm thick Polycarbonate

Application

For general safety fencing in
combination with Allround posts

Technical Data

Material: EN AW-6063-T66 clear
anodized aluminum; galvanized steel,
Weld Mesh or Polycarbonate;
conductive Weld Mesh and frame

Scope of Delivery

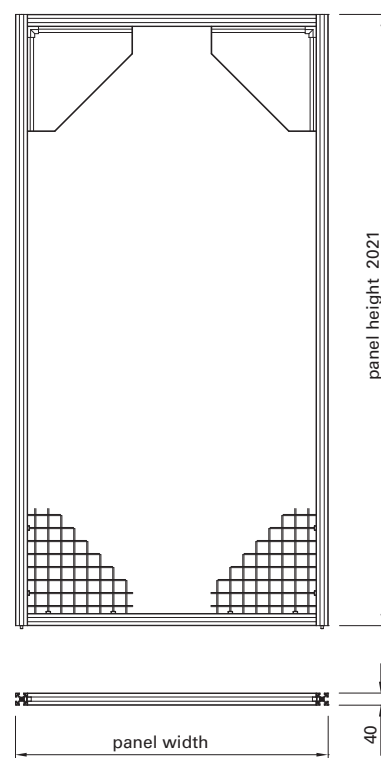
Completely pre-assembled, consisting of:

- 4 Extrusions 40x40 PIL 4140
- 4 Fasteners FAS 4043, conductive
- 2 Bolts SSP 4900

Panel option according to the order code:

- Weld Mesh with Weld Mesh Clip and
Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

Note for Polycarbonate panel option:
Any special widths from 152
mm to 1506 are available for
4 mm thick Polycarbonate panel option



Order Code

Description	Panel Width	Panel Option	Order Code	Weight
Allround Panel Special Width	0131	Weld Mesh	SAE 0131 SNN 2021	5.815 kg
Allround Panel Special Width	0174	Weld Mesh	SAE 0174 SNN 2021	6.283 kg
Allround Panel Special Width	0217	Weld Mesh	SAE 0217 SNN 2021	6.752 kg
Allround Panel Special Width	0260	Weld Mesh	SAE 0260 SNN 2021	7.221 kg
Allround Panel Special Width	0303	Weld Mesh	SAE 0303 SNN 2021	7.690 kg
Allround Panel Special Width	0346	Weld Mesh	SAE 0346 SNN 2021	8.159 kg
Allround Panel Special Width	0389	Weld Mesh	SAE 0389 SNN 2021	8.628 kg
Allround Panel Special Width	0432	Weld Mesh	SAE 0432 SNN 2021	9.096 kg
Allround Panel Special Width	0475	Weld Mesh	SAE 0475 SNN 2021	9.565 kg
Allround Panel Special Width	0561	Weld Mesh	SAE 0561 SNN 2021	10.503 kg
Allround Panel Special Width	0604	Weld Mesh	SAE 0604 SNN 2021	10.972 kg
Allround Panel Special Width	0647	Weld Mesh	SAE 0647 SNN 2021	11.441 kg
Allround Panel Special Width	0690	Weld Mesh	SAE 0690 SNN 2021	11.909 kg
Allround Panel Special Width	0733	Weld Mesh	SAE 0733 SNN 2021	12.378 kg
Allround Panel Special Width	0819	Weld Mesh	SAE 0819 SNN 2021	13.316 kg
Allround Panel Special Width	0862	Weld Mesh	SAE 0862 SNN 2021	13.785 kg
Allround Panel Special Width	0905	Weld Mesh	SAE 0905 SNN 2021	14.254 kg
Allround Panel Special Width	0948	Weld Mesh	SAE 0948 SNN 2021	14.723 kg
Allround Panel Special Width	0991	Weld Mesh	SAE 0991 SNN 2021	15.192 kg
Allround Panel Special Width	1077	Weld Mesh	SAE 1077 SNN 2021	16.130 kg
Allround Panel Special Width	1120	Weld Mesh	SAE 1120 SNN 2021	16.599 kg
Allround Panel Special Width	1163	Weld Mesh	SAE 1163 SNN 2021	17.068 kg
Allround Panel Special Width	1206	Weld Mesh	SAE 1206 SNN 2021	17.537 kg
Allround Panel Special Width	1249	Weld Mesh	SAE 1249 SNN 2021	18.006 kg
Allround Panel Special Width	1292	Weld Mesh	SAE 1292 SNN 2021	18.475 kg
Allround Panel Special Width	1335	Weld Mesh	SAE 1335 SNN 2021	18.944 kg
Allround Panel Special Width	1378	Weld Mesh	SAE 1378 SNN 2021	19.413 kg
Allround Panel Special Width	1421	Weld Mesh	SAE 1421 SNN 2021	19.882 kg
Allround Panel Special Width	1464	Weld Mesh	SAE 1464 SNN 2021	20.351 kg

Drawing dimensions in mm

SAP 4180

Allround Post



Application

Posts for Safety Fence Components

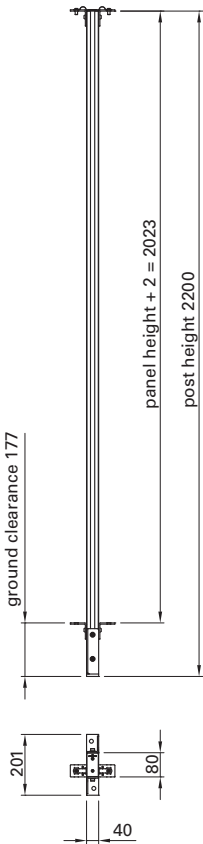
Technical Data

Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black
ABS V0 composite, conductive, Safety Fence Floor Bracket height adjustable
20 - 5 mm with Screw Retainer

Scope of Delivery

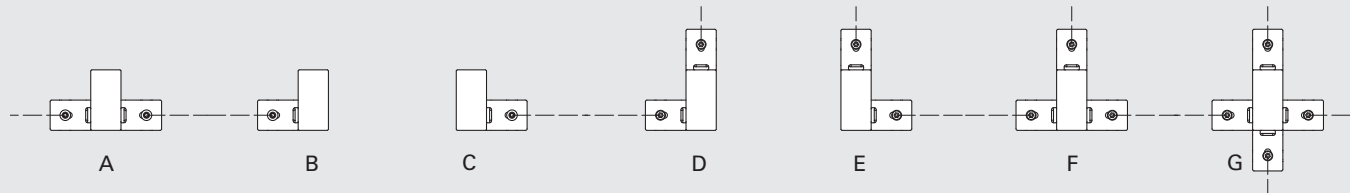
Completely pre-assembled, consisting of:

- 1 Post Extrusion 40 x 80 PIL 4180
- 90° Safety Fence FastenerTIN 4521 as per attachment option
- 1 End Cap CAP 4081
- 2 Safety Fence Floor Brackets BAP 2051
- Screw Retainer SSP 5500 as per attachment option



Attachment of Safety Fence Fastener, Type A

Safety Fence Fastener Attachment Options



Order Code

Description	Extrusion	Attachment Option	Order Code		Weight
Allround Post	40 x 80	Type A	SAP 4180 ANA 2200		6.467 kg
Allround Post	40 x 80	Type B	SAP 4180 BNA 2200		6.187 kg
Allround Post	40 x 80	Type C	SAP 4180 CNA 2200		6.187 kg
Allround Post	40 x 80	Type D	SAP 4180 DNA 2200		6.467 kg
Allround Post	40 x 80	Type E	SAP 4180 ENA 2200		6.467 kg
Allround Post	40 x 80	Type F	SAP 4180 FNA 2200		6.747 kg
Allround Post	40 x 80	Type G	SAP 4180 GNA 2200		7.027 kg

Drawing dimensions in mm

SAS 1044

Allround Single Door



Left-hand hung Single Door

Design tip:

Safety fence door elements may need to be additionally grounded.

Application

For general safety fencing

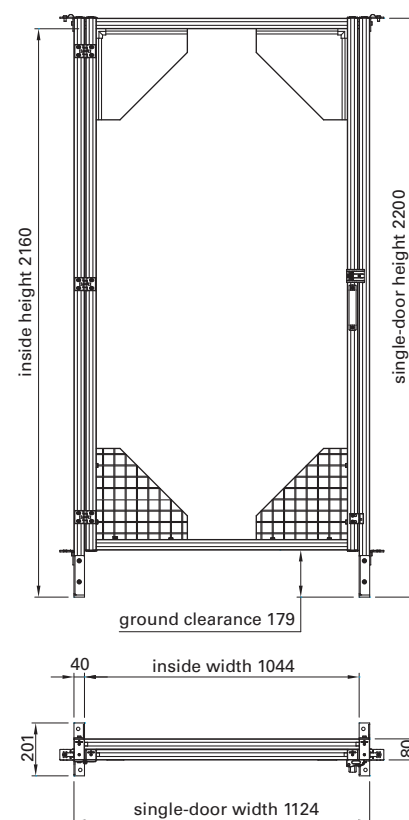
Technical Data

Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable - 20 / + 5 mm, with Screw Retainer

Scope of Delivery

Completely pre-assembled, consisting of:

- 2 Post Extrusions 40 x 80 PIL 4180
 - 1 Horizontal Extrusion 40 x 40 PIL 4140
 - 4 Door Panel Extrusions 40 x 40 PIL 4140
 - 6 Fasteners FAS 4043, conductive
 - 4 90° Safety Fence Fasteners TIN 4521
 - 4 End Caps CAP 4041
 - 2 End Caps CAP 4081
 - 4 Safety Fence Floor Brackets BAP 2051
 - 1 Handle DOR 4501
 - 3 Hinges DOR 4511
 - 1 Door Catch DOR 4553
 - 1 Door Stop DOR 4555
 - 2 Screw Retainers SSP 5500
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile



Order Code

Description	Hinge Position	Panel Option	Order Code	Weight
Allround Single Door	Left	Weld Mesh	SAS 1044 SLA 2160	30.381 kg
Allround Single Door	Right	Weld Mesh	SAS 1044 SRA 2160	30.381 kg
Allround Single Door	Left	Polycarbonate	SAS 1044 PLA 2160	32.202 kg
Allround Single Door	Right	Polycarbonate	SAS 1044 PRA 2160	32.202 kg

Drawing dimensions in mm

SAD 2083

Allround Double Door



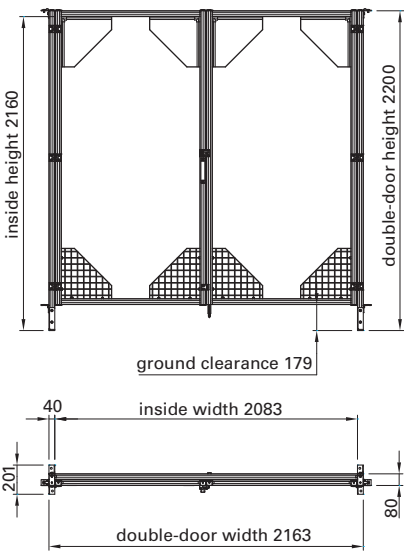
Left-hand hung Double Door

Design tip:
Safety fence door elements may need to be additionally grounded.

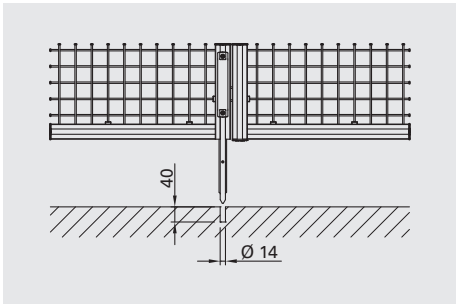
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable - 20 / + 5 mm, with Screw Retainer

- Scope of Delivery**
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 80 PIL 4180
 - 1 Horizontal Extrusion 40 x 40 PIL 4140
 - 8 Door Panel Extrusions 40 x 40 PIL 4140
 - 10 Fasteners FAS 4043, conductive
 - 4 90° Safety Fence FastenersTIN 4521
 - 7 End Caps CAP 4041
 - 2 End Caps CAP 4081
 - 4 Safety Fence Floor Brackets BAP 2051
 - 1 Handle DOR 4501
 - 6 Hinges DOR 4511
 - 1 Door Catch DOR 4553
 - 1 Door Stop DOR 4555
 - 1 Floor Catch DOR 4561
 - 2 Screw Retainers SSP 5500
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile



Floor Catch



Order Code

Description	Hinge Position	Panel Option	Order Code		Weight
Allround Double Door	Left	Weld Mesh	SAD 2083 SLA 2160		48.505 kg
Allround Double Door	Right	Weld Mesh	SAD 2083 SRA 2160		48.505 kg
Allround Double Door	Left	Polycarbonate	SAD 2083 PLA 2160		52.146 kg
Allround Double Door	Right	Polycarbonate	SAD 2083 PRA 2160		52.146 kg

Drawing dimensions in mm

SAF 0872

Allround Sliding Door



Sliding door opening on right

Application

For general safety fencing

Technical Data

Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable - 20 / + 5 mm, with Screw Retainer

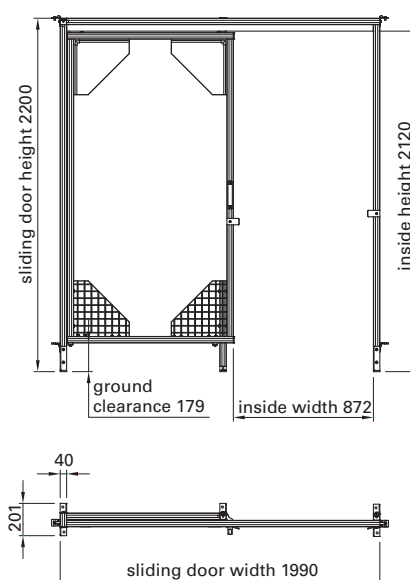
Scope of Delivery

Completely pre-assembled, consisting of:

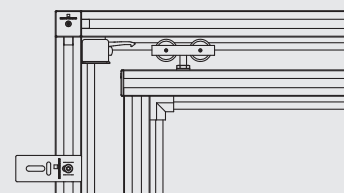
- 2 Post Extrusions 40 x 80 PIL 4180
 - 1 Horizontal Extrusion 40 x 40 PIL 4140
 - 4 Sliding Door Extrusions 40 x 40 PIL 4140
 - 3 Fixed Panel Extrusions 40 x 40 PIL 4140
 - 10 Fasteners FAS 4043, conductive
 - 1 Fastener FAS 4083
 - 4 90° Safety Fence Fasteners TIN 4521
 - 9 End Caps CAP 4041
 - 5 Safety Fence Floor Brackets BAP 2051
 - 2 Roller Sets DOR 4031
 - 2 Sliding Door Stops DOR 4032
 - 1 Aluminum Guiderail DOL 4034
 - 2 Centering Guides DOR 4571
 - 2 Sliders DOR 4573
 - 2 Screw Retainers SSP 5500
- Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
 - Polycarbonate with Panel Profile

Design tip:

Safety fence door elements may need to be additionally grounded.

**Rubber stop**

Rubber stop with retention spring

**Order Code**

Description	Door Opening	Panel Option	Order Code	
				Weight
Allround Sliding Door	Left	Weld Mesh	SAF 0872 SLA 2120	46.452 kg
Allround Sliding Door	Right	Weld Mesh	SAF 0872 SRA 2120	46.452 kg
Allround Sliding Door	Left	Polycarbonate	SAF 0872 PLA 2120	50.593 kg
Allround Sliding Door	Right	Polycarbonate	SAF 0872 PRA 2120	50.593 kg

Drawing dimensions in mm