

Aluminium Productive Fence System 40

PRODUCT CATALOGUE

solutions | by **F.EE**

FEE

- Elektrotech Engineering
- Automation Robotik
- Informatik + Systeme
- Energietechnik

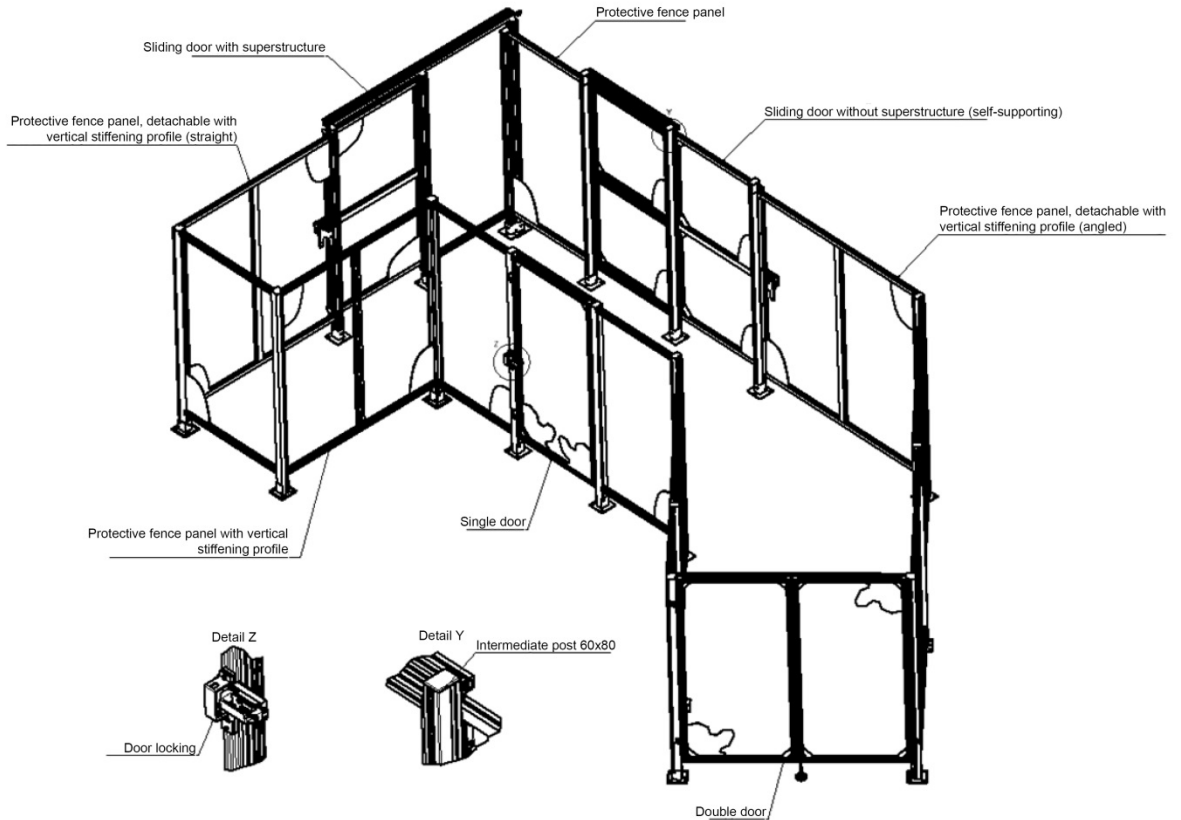
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1. Sample system



During protective fence planning it is necessary to take into consideration the following harmonised standards:

EN ISO 13857

Safety clearances to prevent upper and lower extremities reaching hazardous areas

EN 953

Safety of machinery - Guards- General principles for the design and construction of fixed and movable guards

EN ISO 12100

General design principles - Risk evaluation and risk minimisation

NOTES

- The article numbers cited refer to the system DRP 40

TERMS

- DRP 40: Framework profile for direct panels, profile cross-section 40x40

For a description of the various profiles refer to the chapter "Accessories-GENERAL-Profiles".

If you require advice please contact us. Our employees shall be happy to assist you and will formulate the best solution for your application case.

You can obtain pricing information on inquiry or request our latest price list by email.

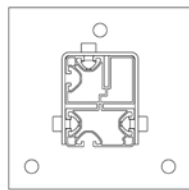
Technical contact partner:

Mr. Michael Merthan

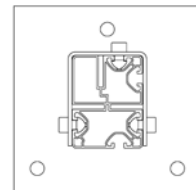
Phone:+49(0)9672/506-346

email: michael.merthan@fee.de

2. Posts



Left post



Right post

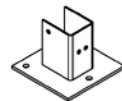
comprising:



1x
End cap



1x
Profile



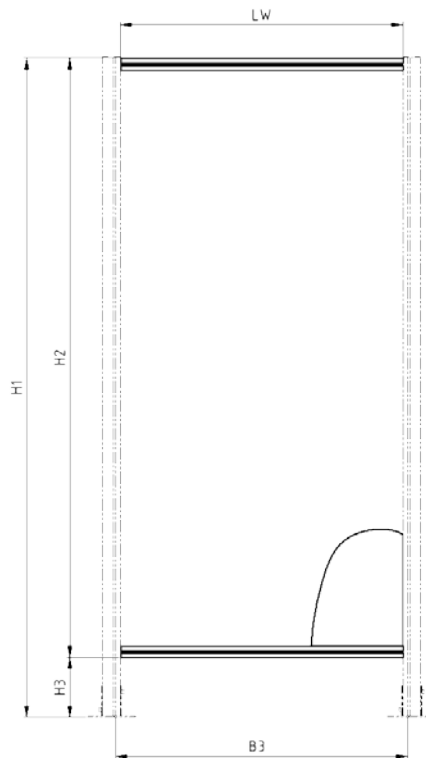
1x
Base plate

Article no.	Designation
1830557	Post 80x60 right - long: 2200 mm
1830559	Post 80x60 right - long: xxxx mm
1830558	Post 80x60 left - long: 2200 mm
1830560	Post 80x60 left - long: xxxx mm

Ground fastening kit must be ordered separately.

1724440	Metal dowel for ground fastening
1747772	Wedge anchor for ground fastening
1678335	Shim for ground fastening

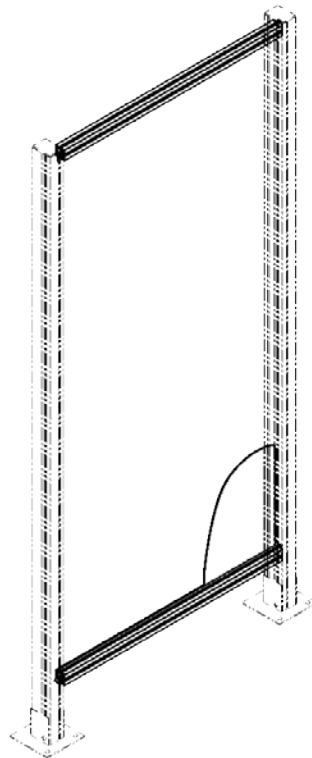
3. Protective fence panel up to LW 1500




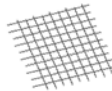

Clear width LW Posts 80x60		LW = dimension from post inner edge to post inner edge: - Posts stand vertical to the protective fence route. - Post inner edge on the shortest profile side (60mm)
	Definition	Explanation
LW	LW	Clear width
B3	LW + 48	Width of filler material without vertical strut
H1	Height 1	Protective fence height
H2	Height2	Panel height
H3	200 mm	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 ≤ 180 mm

- Also available with stiffening on request.
- Posts must be ordered separately.

3. Protective fence panel up to LW 1500

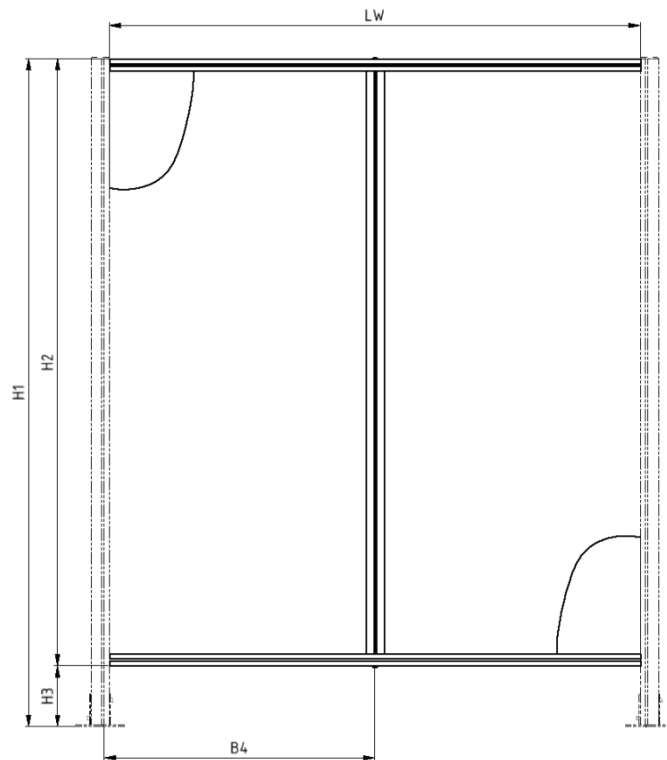


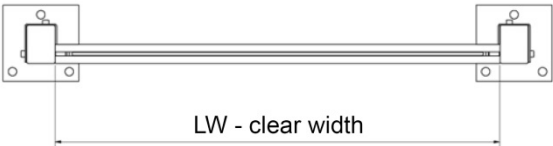
comprising:

						
2x Frame profile			1x Filler		8x Automatic fastener	
Dimensions			Filler material			
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent		4 mm welded grid galvanised	
500	560	2000	1830570		1830579	
750	810	2000	1830571		1830580	
1000	1060	2000	1830572		1830581	
1250	1310	2000	1830573		1830582	
1500	1560	2000	1830574		1830583	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent		4 mm welded grid galvanised	
up to 500	up to 560	2000	1830588		1830597	
up to 750	up to 810	2000	1830589		1830598	
up to 1000	up to 1060	2000	1830590		1830599	
up to 1250	up to 1310	2000	1830591		1830600	
up to 1500	up to 1560	2000	1830592		1830601	

- When ordering special sizes please quote LW dimensions (see order list).
- Special LW dimensions for welded grids:
56; 96; 136; 176; 216; 256; 296; 336; 376; 416; 456; 496; 536; 576; 616; 656; 696; 736; 776; 816; 856; 896; 936; 976; 1016; 1056; 1096; 1136; 1176; 1216; 1256; 1296; 1336; 1376; 1416; 1452;
- Further fillings and colours available on request.

4. Protective fence panel from LW 1500

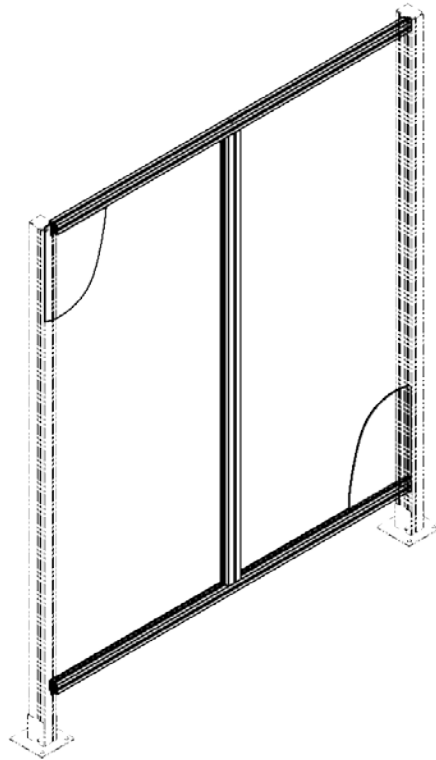


<p>Clear width LW Posts 80x60</p>		<p>LW= dimension from post inner edge to post inner edge -Posts stand vertical to the protective fence route. -Post inner edge on the shortest profile side (60mm)</p>
----------------------------------------------------------------	--------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


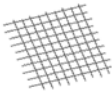



	Definition	Explanation
LW	LW	Clear width
B4	$(LW+36)/2$	Width of filler material with vertical strut
H1	Height 1	Protective fence height
H2	Height 2	Panel height
H3	200 mm	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 \leq 180 mm

- When ordering special sizes please quote LW dimensions (see order list).
- Posts must be ordered separately.

4. Protective fence field from LW 1500



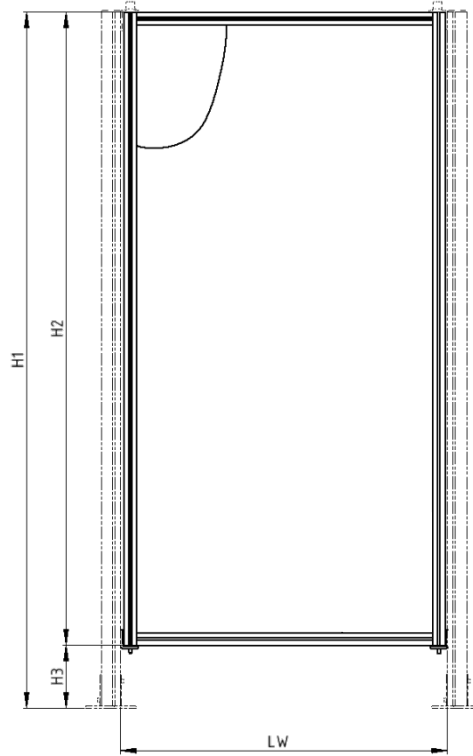
comprising:

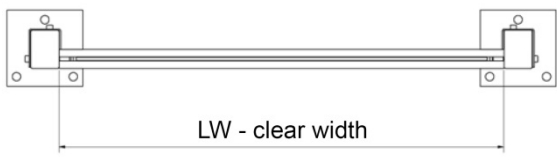
				
2x Frame profile 40x40	2x Filler	8x Automatic fastener	2x Cheese-head screw	1x Intermediate profile 40x80
Dimensions			Filler material	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
1750	1810	2000	1830575	1830584
2000	2060	2000	1830576	1830585
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
up to 1750	up to 1810	2000	1830593	1830602
up to 2000	up to 2060	2000	1830594	1830603

- When ordering special sizes please quote LW dimensions (see order list).
- Special LW dimensions for welded grids:
1532; 1612; 1692; 1772; 1852; 1932; 2012
- Further fillers and colours available on request.

5. Protective fence panel detachable up to LW 1500

e.g. for robot replacement



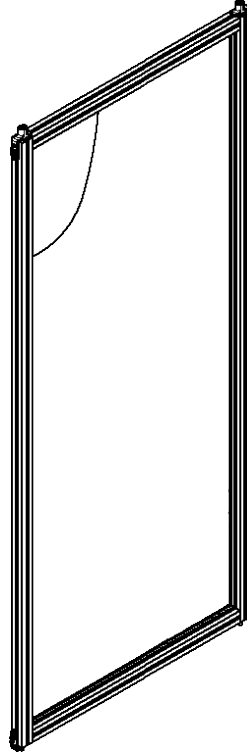
Clear width LM Posts 80x60	 <p>LW - clear width</p>	<p>LW = dimension from post inner edge to post inner edge:</p> <ul style="list-style-type: none"> - Posts stand vertical to the protective fence route. - Post inner edge on the shortest profile side (60mm)
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	Definition	Explanation
LW	LW	Clear width
H1	H2 + H3	Protective fence height
H2	H1 - H3	Panel height
H3	200 mm	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 ≤ 180 mm

- If nec. also available with further stiffening.
- Posts must be ordered separately.

5. Protective fence panel detachable up to LW 1500

e.g.: for robot replacement



comprising:

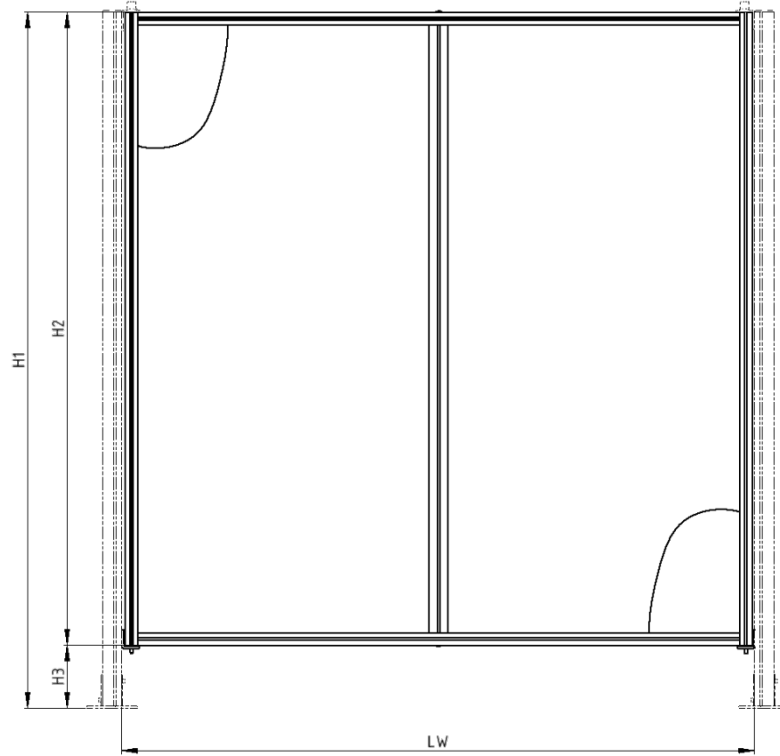
			
4x Frame profile 40x40	1x Filler	4x Cheese-head screw	2x Threaded pin

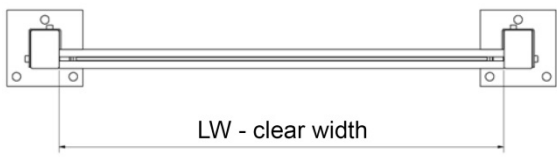
Dimensions			Filler material	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
500	560	2000	1737651	1737637
750	810	2000	1737652	1737638
1000	1060	2000	1737653	1737639
1250	1310	2000	1737654	1737640
1500	1560	2000	1737655	1737641
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
up to 500		2000	1737658	1737644
up to 750		2000	1737659	1737645
up to 1000		2000	1737661	1737646
up to 1250		2000	1737662	1737647
up to 1500		2000	1737663	1737648

- When ordering special sizes please quote LW dimensions (see order list).
- Further fillers and colours available on request.
- For fastening to the post see pages 29 and 30.

6. Protective fence panel detachable from LW 1500

e.g. for robot replacement



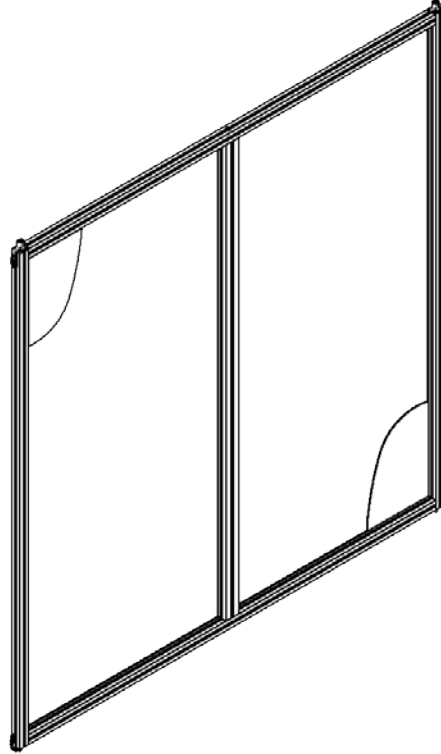
Clear width LM Posts 80x60	 <p>LW - clear width</p>	<p>LW = dimension from post inner edge to post inner edge:</p> <ul style="list-style-type: none"> - Posts stand vertical to the protective fence route. - Post inner edge on the shortest profile side (60mm)
----------------------------------	--------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	Definition	Explanation
LW	LW	Clear width
H1	H2 + H3	Protective fence height
H2	H1 - H3	Panel height
H3	200 mm	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 ≤ 180 mm


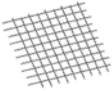

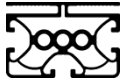

- If nec. also available with further stiffening.
- Posts must be ordered separately.

6. Protective fence panel detachable from LW 1500

e.g.: for robot replacement

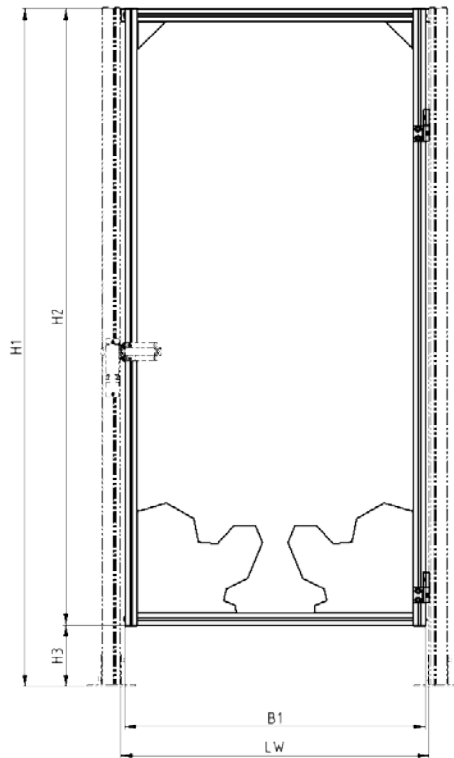


comprising:

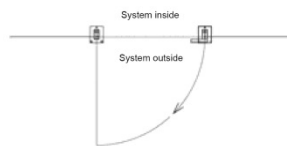
									
4x Frame profile 40x40		2x Filler		6x Cheese-head screw		1 x intermediate profile 40x80		2x Threaded pin	
Dimensions			Filler material						
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent		4 mm welded grid galvanised				
1750	1810	2000	1737656		1737642				
2000	2060	2000	1737657		1737643				
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent		4 mm welded grid galvanised				
up to 1750		1810	1737664		1737649				
up to 2000		2060	1737665		1737650				

- When ordering special sizes please quote LW dimensions (see order list).
- Further fillers and colours available on request.
- For fastening to the post see pages 29 and 30.

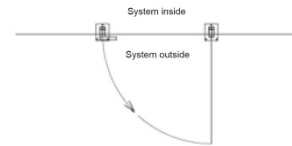
7. Single door



DIN left



DIN right

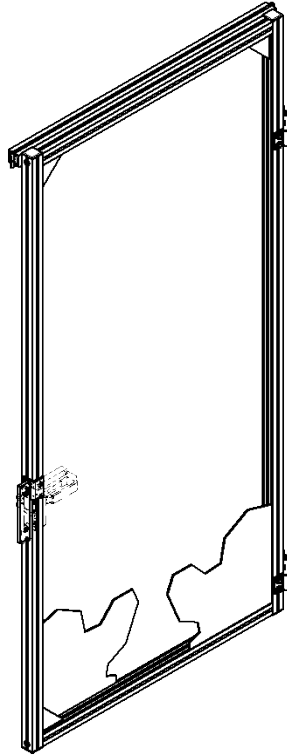


Note: Doors must always open outwards according to the DIN standard!

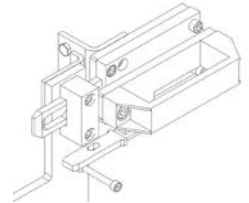
	Definition	Explanation
LW	Clear width	Dimension from post inside to post inside
B1	LW - 26	Door panel width
H1	H2 + H3	Protective fence height
H2	H1 - H3	Panel height
H3	(200 mm)	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 ≤ 180 mm

- Posts must be ordered separately.
- When ordering with locking: quote the lock type and door opening direction!
- Colour marking of the door possible on request.

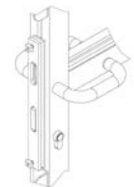
7. Single door



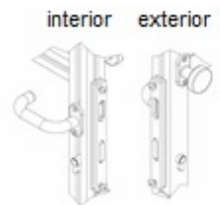
var. handle sets:
more information on inquiry!



Locking with safety switch
(Standard locking)



Catch lock
lockable-not lockable

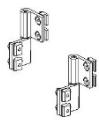


Panic lock

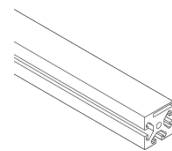
comprising:



1x
Door panel



1x
Hinge set



1x
Stiffening



4x
Automatic fastener

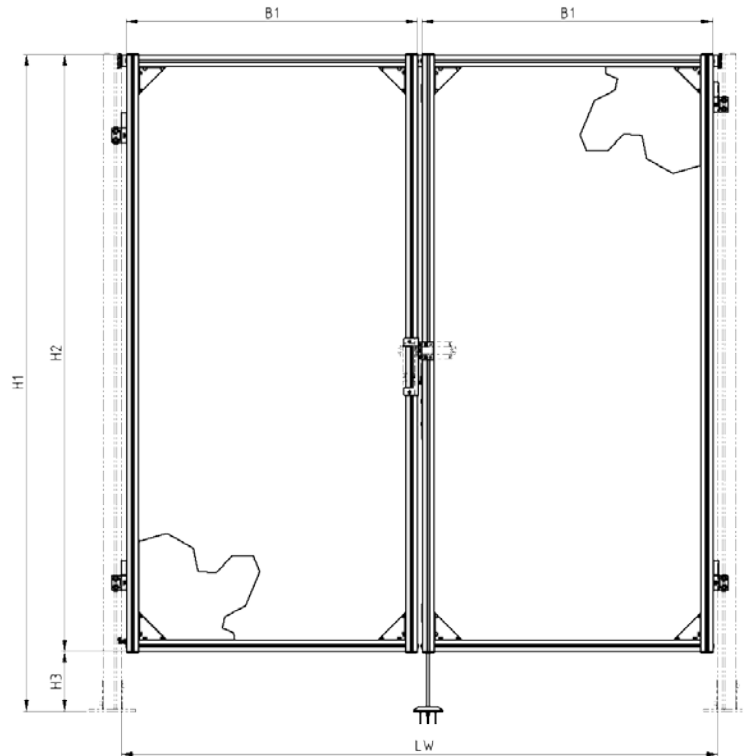
NOTE:
Locking
and posts
not in the scope of
supply!

Please order separately!

Dimensions			Filler material	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
1000	1060	2000	1830682	1830683
Special dimensions		up to 2000	1830697	1830698

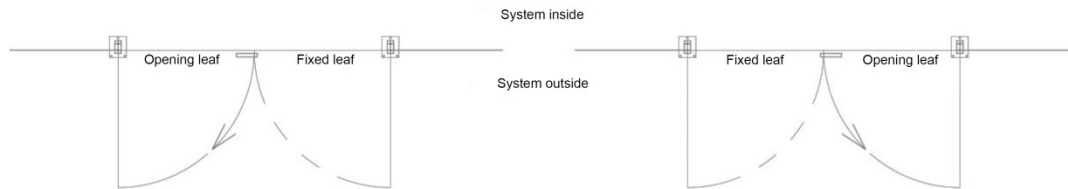
- When ordering special sizes please quote LW dimensions (see order list).
- Further sizes, fillers and colours available on request.

8. Double door



DIN left

DIN right

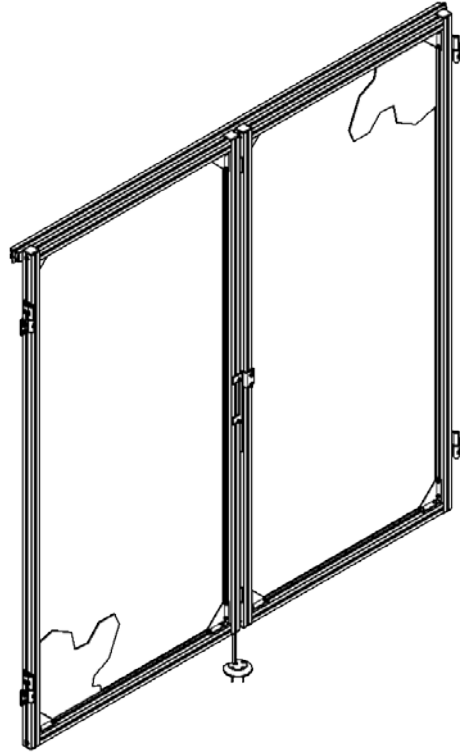


Note: With doors according to DIN standard the opening direction is always outwards!

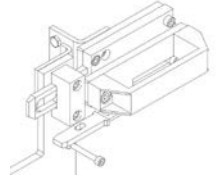
	Definition	Explanation
LW	Clear width	Dimension from post inside to post inside
B1	$(LW - 52) / 2$	Door panel width
H1	$H2 + H3$	Protective fence height
H2	$H1 - H3$	Panel height
H3	200 mm	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 \leq 180 mm

- Posts must be ordered separately.
- when ordering with locking: quote the lock type and door opening direction!
- Colour marking of the door possible on request.

8. Double door



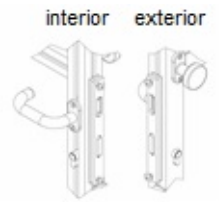
**var. handle sets:
more information on
inquiry!**



Locking with safety
switch
(Standard locking)



Catch lock
lockable-not lockable



comprising:

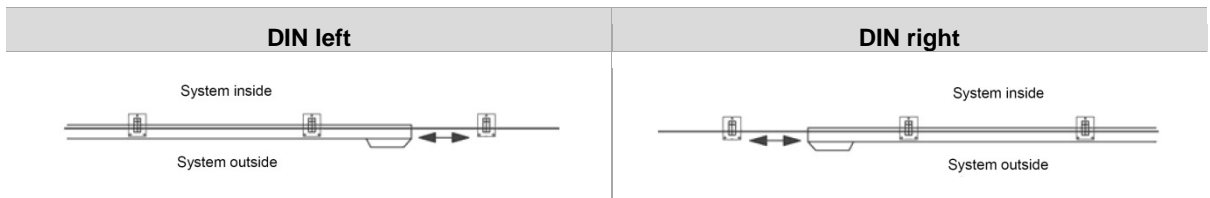
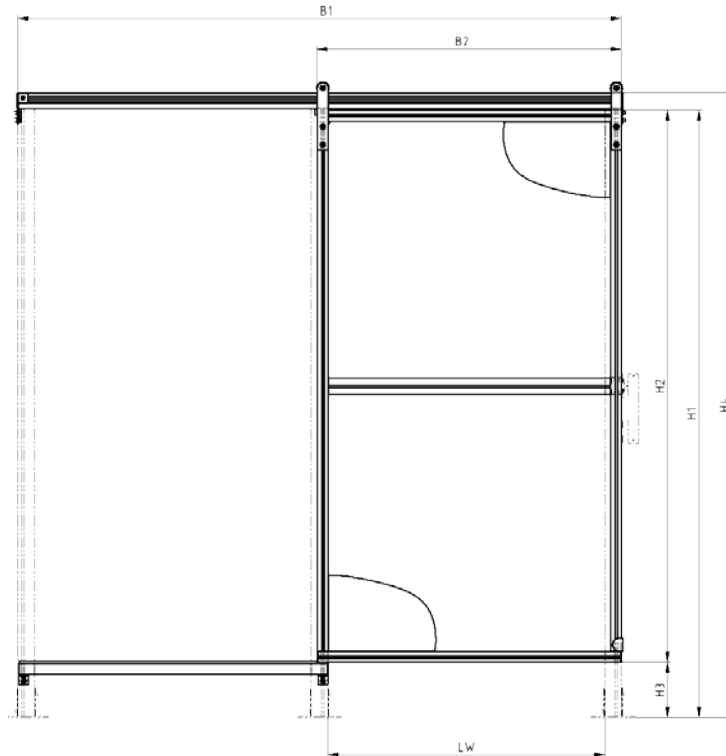
2x Door panel	2x Hinge set	1x Espagnolette bolt	1x Stiffening	4x Automatic fastener

NOTE:
Locking
and posts
not in the scope of
supply!
Please order separately!

Dimensions			Filler material	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
2000	2060	2000	1830691	1830692
Special dimensions		2000	1830702	1830703

- When ordering special sizes please quote LW dimensions (see order list).
- Further fillers and colours available on request.

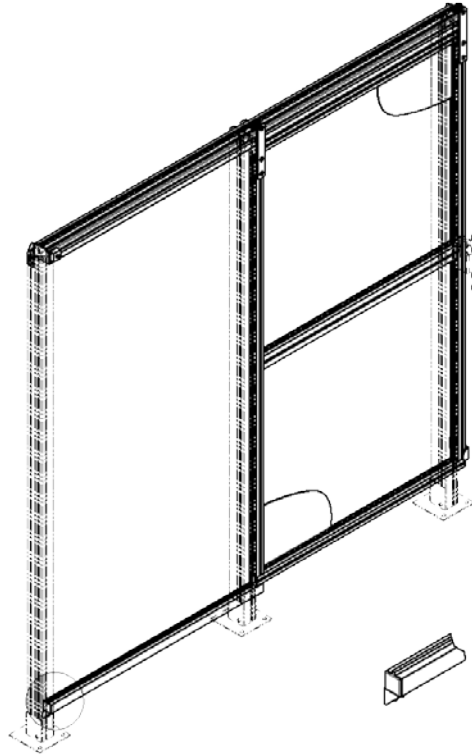
9. Sliding door with superstructure



	Definition	Explanation
LW	Clear width	Dimension from post inside to post inside / passage width
B1	$2 \times LW + 180$	Rail length
B2	$LW + 100$	Door width
H1	$H2 + H3$	Protective fence height
H2	$H1 - H3$	Panel height
H3	(200 mm)	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 ≤ 180 mm
H4	$H1 + 60$	Protective fence height + rail

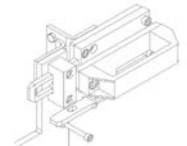
- Available on request:
- Posts must be ordered separately.
- When ordering with locking: quote the lock type and door opening direction!
- Colour marking of the door possible on request.

9. Sliding door with superstructure

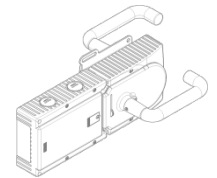


comprising:

var. handle sets:
more information on
inquiry!



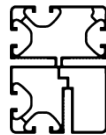
Locking with safety
switch
(Standard locking)



Catch lock
lockable-not lockable



1x
Door panel



1x
Guide rail
60x80



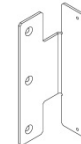
2x
Roller guide



1x
Door stop



1x
Guide plate



1x
Angle plate for
sliding door

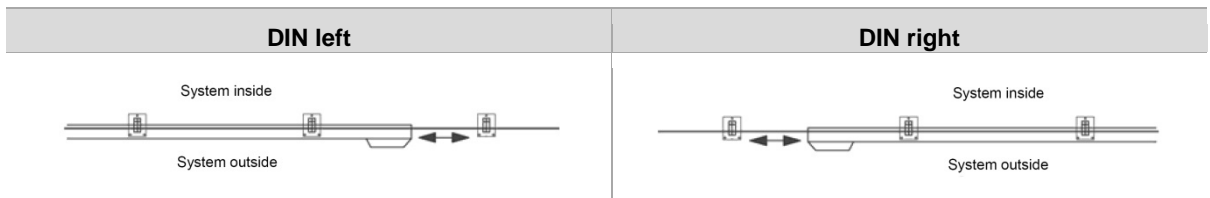
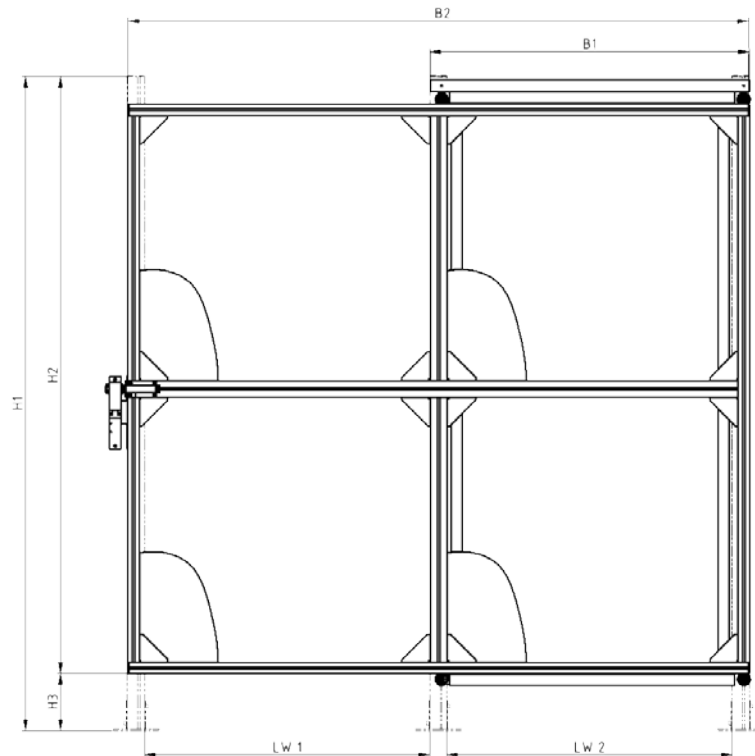
NOTE:
Locking
and posts
not in the scope of
supply!

Please order separately!

Dimensions			Filler material	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
1000	1060	1800	C18161.00	C18181.00
1000	1060	2000	C20559.00	C20602.00

- When ordering special sizes please quote LW dimensions (see order list).
- Posts must be ordered separately.
- Further fillers and colours available on request.

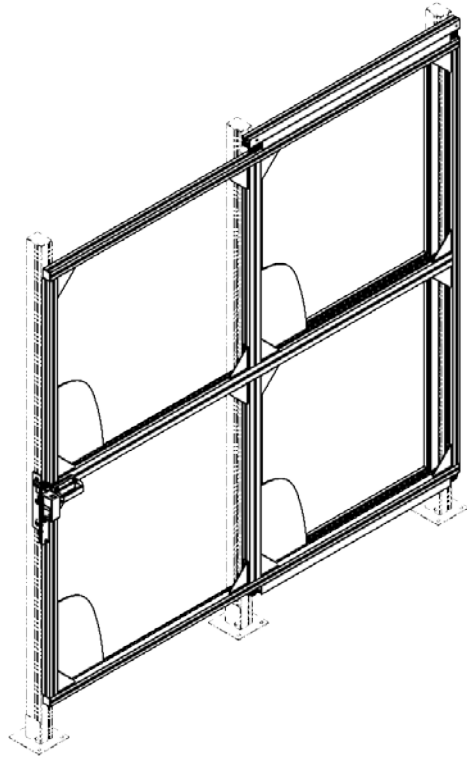
10. Sliding door without superstructure



	Definition	Explanation
LW 1	Clear width	Dimension from post inside to post inside / passage width
LW 2	Clear width	Dimension from post inside to post inside
B1	$LW + 120$	Rail length
B2	$LW1 + LW2 + 100 + 180$	Door width
H1	$H2 + H3$	Protective fence height
H2	$H1 - H3$	Panel height
H3	200 mm	Ground clearance smaller dimensions on request / minimum dimension 110 mm 200 mm on customer request, according to DIN EN ISO 13857 ≤ 180 mm
H4	$H1 + 60$	Protective fence height + rail

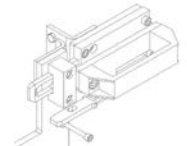
- Available on request:
- Posts must be ordered separately.
- When ordering with locking: quote the lock type and door opening direction!
- Colour marking of the door possible on request.

10. Sliding door without superstructure

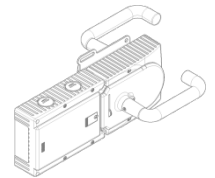


comprising:

var. handle sets:
more information on
inquiry!



Locking with safety
switch
(Standard locking)



Catch lock
lockable-not lockable

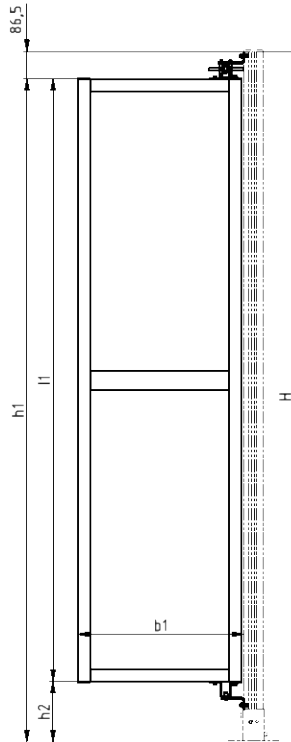
1x Door panel	1x Guide rail 40x40	4x Roller	1x Door stop	1x stiffening profile 40x40	1x Angle plate for sliding door

NOTE:
Locking
and posts
not in the scope of
supply!
Please order separately!

Dimensions			Filler material	
Clear width LW	Grid dimension RM	Panel height	4 mm plastic transparent	4 mm welded grid galvanised
1000	1060	1800	C20640.00	C21235.00
1000	1060	2000	C21251.00	C21278.00

- When ordering special sizes please quote LW dimensions (see order list).
- Posts must be ordered separately.
- Further fillers and colours available on request.

11. Swing flap vertical

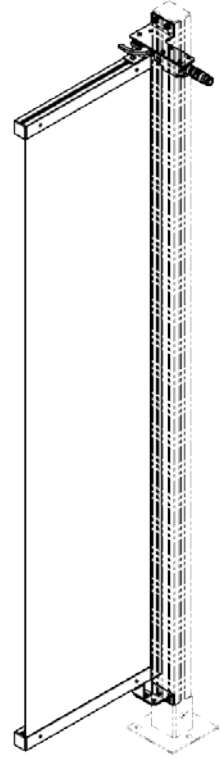
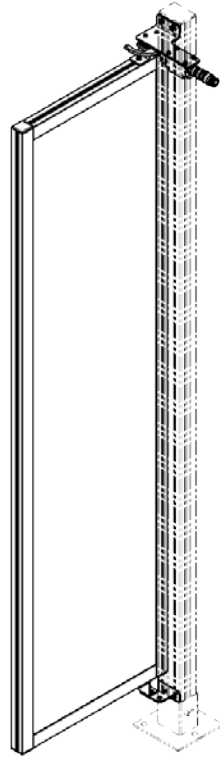
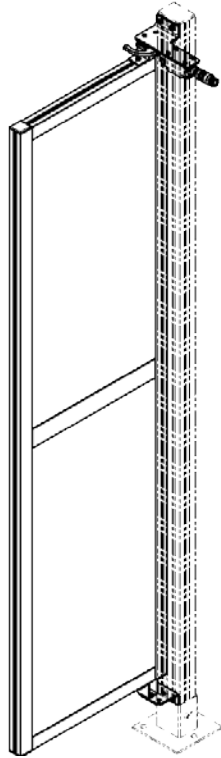


	Definition	Dimensions min/max	Dimensions
b1	Swing panel width	max. 1500 mm	
h1	Passage height	max. 2200 mm	
h2	Ground clearance height	min. 193.5 mm	
l1	Swing panel height		
H	Post height		

- Standard: Execution in protective fence system 40x40
- Standard: One switch top
- Optional: Second switch bottom
- var. sizes, fillers, colours,...
- Cut-out possible for parts according to customer wishes!
- When ordering quote switch type and door opening direction!
- When ordering quote desired design variant!

11. Swing flap vertical

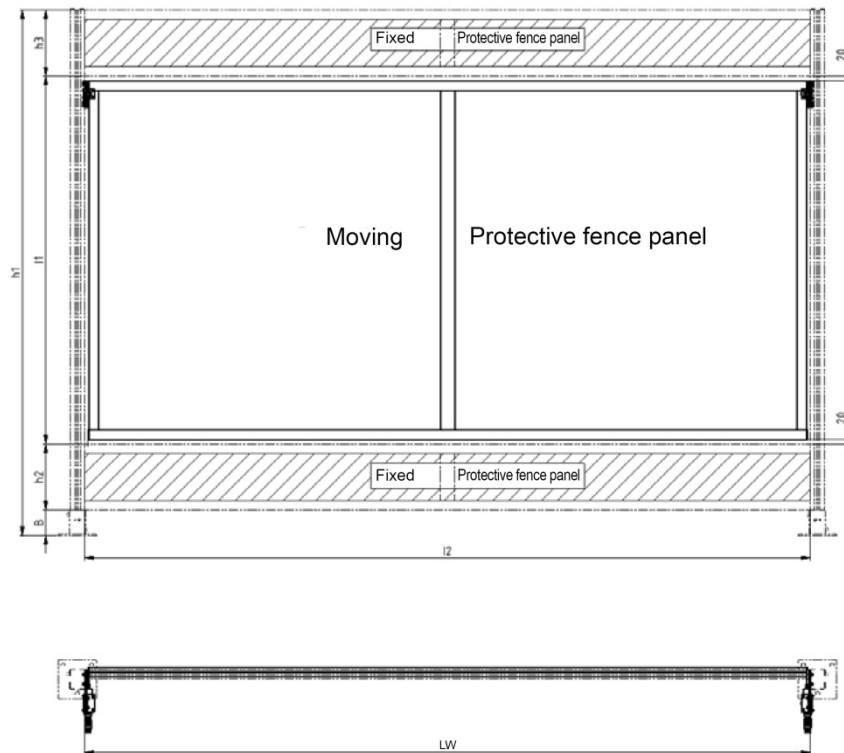
Design variants, examples



TYPE 2.1	TYPE 2.2	TYPE 2.3
Swing panel with intermediate profile with end profile	Swing panel without intermediate profile with end profile	Swing panel without intermediate profile without end profile
1850293	1850294	1850295

- Posts not included in scope of supply! Please order separately!

12. Swing flap horizontal

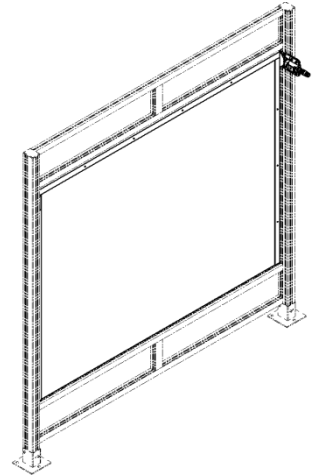
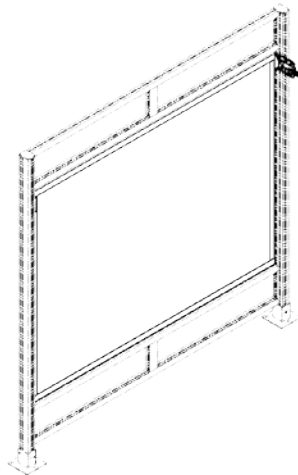
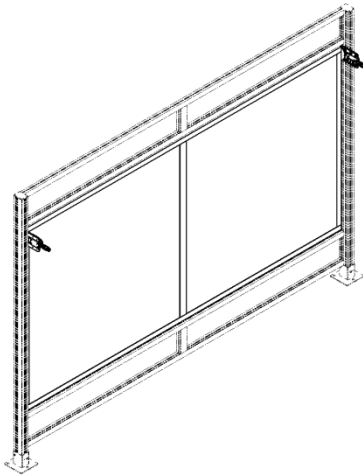


	Definition	Dimensions min/max	Dimensions
l1	Height of moving element	max. 1500mm	
l2	Panel width	Type 3.1 max. 3000 mm Type 3.2 max. 2000 mm Type 3.3 max. 2000 mm	
h1	Total height	max. 6000	
h2	Fixed element bottom	optional	
h3	Fixed element top	optional	
B	Ground clearance	min 108 mm / max. 200 mm	
LW	Grid size	Dimension from post inside to post inside	

- Execution in protective fence system 40x40
- var. sizes, fillers or colours,...
- Cut-out for parts according to customer wishes
- When ordering quote switch type and door opening direction
- When ordering quote desired design variant

12. Swing flap horizontal

Design variants, examples



TYPE 3.1	TYPE 3.2	TYPE 3.3
Swing panel with intermediate stiffening profile with end profile	Swing panel without intermediate strut with end profile	Swing panel without intermediate strut without end profile
1850573	1850574	1850575

- Posts not included in scope of supply! Please order separately!
- Fixed elements top and bottom not included in scope of supply! Please order separately!
- TYPE 3.1: from a panel width of $l_2 > 2000$ mm a second switch must be installed.

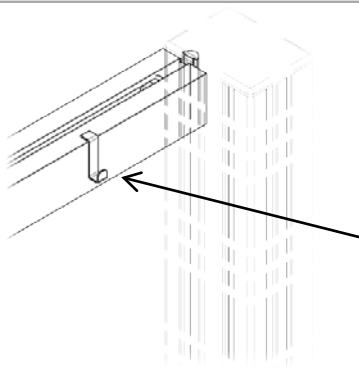
13. PVC curtains

	Fire protection class 1 (DIN 4102)			Fire protection class 2 (DIN 4102)		
	2 mm	3 mm	4 mm	2 mm	3 mm	4 mm
Clear	x	x	x	x	x	x
Red - standard	x	x	x	x	x	x
Red - welding protection				x*	x*	x*
Green - standard	x	x	x	x	x	x
Green - welding protection				x*	x*	x*

* UV- absorbent for use as welding protection

- Standard widths: 300 mm, 500 mm, 1000 mm
- Further widths available upon request
- Arbitrary cut-outs, contours possible
- Execution takes place in agreement with the customer (sketch / drawing / etc.)

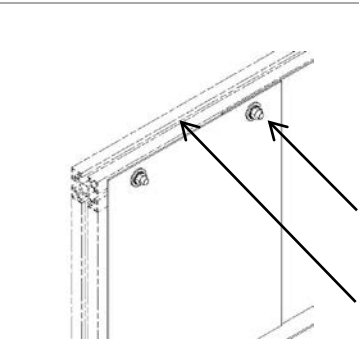
Fastening options



Fastening: Mounting hooks

The individual PVC sheets are hung on mounting hooks directly in the slot of the protective fence panels.
Number of mounting hooks: 4 units per metre

Mounting hooks: on request

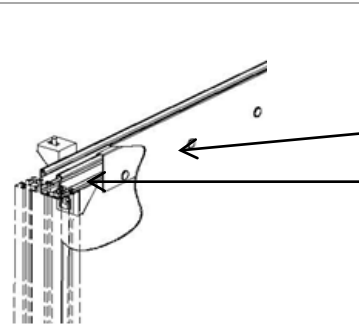


Fastening: Screws and lateral profile

The PVC sheets can:
- be attached in front of or behind a hanging panel
- be used in a passage without a hanging panel.

Fastening takes place as follows:
Hammer-head bolts M8x20 (1739323) + collar nut M8 (1725427)
on the lateral profile 40x40 or 80x40 + angle bracket 38x38

The lateral profile must be ordered separately!




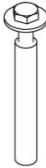

Fastening: Rail

The PVC strips are fastened to a rail.
The rail is hung in the lateral profile.

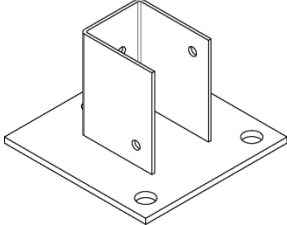
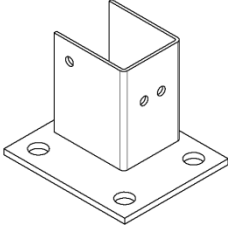
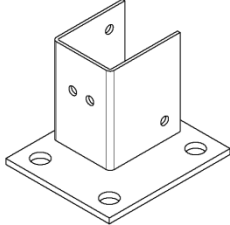
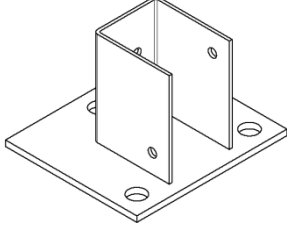
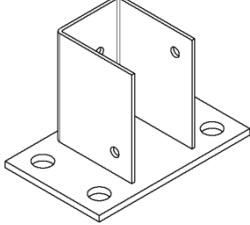

The lateral profile must be ordered separately!

- suitable for large areas and complete fencing off
- Angled connections possible
- Fastening to existing ceiling or steel structure possible

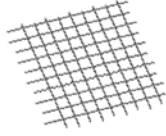

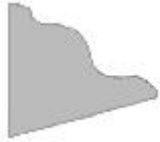
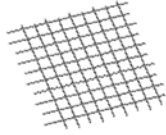
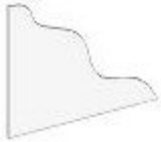


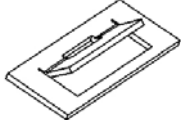

14. Accessories - **POSTS** - assembly kits

		Metal dowel assembly kit
	1769969	Wedge anchor KDK-E M 10 x 80/10,
	NOTE:	Order ground shims 1678335 separately!
		Glued dowel assembly kit
	1730790	Glued dowel fastening kit
		comprising: Threaded sleeve, composite mortar, hexagon screw, washer, shim
		Assembly kit for fastening on timber panel
	1841181	Fastening kit for attachment to timber panel
		comprising: Threaded bushing, hexagon screw, washer

14. Accessories - **POSTS** - individual parts

SG base for stay	SG stay corner flush left	SG stay corner flush right
6x160x160	6x120x140	6x120x140
		
1830567	1840603	1840604
SG stay front flush	SG stay flush narrow	
6x100x160	6x100x160	
		
1840605	1840606	
		<p style="text-align: center;">Shim</p>
		0.5x32x32
		
		1776998

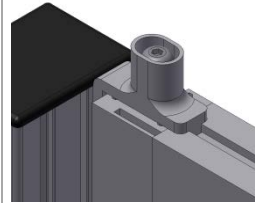
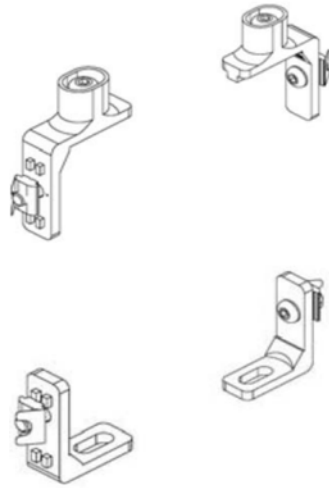
15. Accessories - PANELS - filler

Welded grid galvanised	Plastic filling clear	Aluminium anodised
Mesh size 40	4 mm	2 mm
		
1791765	1684080	1687085
Welded grid black	Plastic filling cloudy	Glass VSG or ESG
Mesh size 40	4 mm	up to 8 mm
		
1764153	1725539	On request
	PVC curtain red/transparent	Clamping piece - PE
	3x300	1.7x20x45
		
	1672387	1678114
		Clamping piece - Aluminium
		5x13x95
		
		1678165

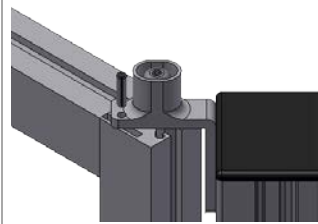
16. Accessories - PANELS - assembly kits

One assembly kit is required per protective grid panel, one assembly kit consists of four brackets + fastening material!

Assembly kit hanging bracket DOM



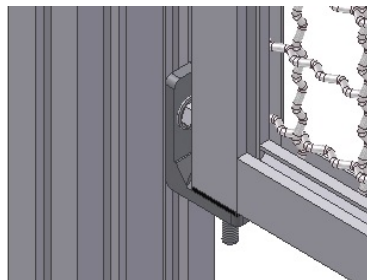
Art. no.: 1833594



Art. no.: 1833541


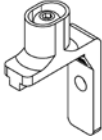

Article no.	Designation	
1833594	Hanging bracket DOM with lug	Use with straight protective fence route
1833541	Hanging bracket DOM with hole	Use with angled protective fence route
NOTE:	Use with frame profile 40x40	

The panel fastening below is the same with all assembly kits:

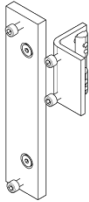
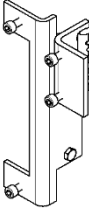
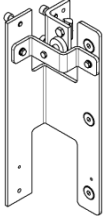


Article no.	Designation	
1831185	Hanging bracket for hanging panel 40x40	Fastening panel bottom

17. Accessories - PANELS - individual parts

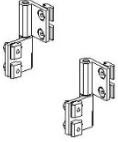


Hanging and fastening brackets			
	1831184	Hanging bracket for size 8 slot	Frame profile 40x40
	1833533	Hanging bracket, angled for size 8 slot	
	1831175	Hanging bracket DOM with lug	Straight protective fence route Frame profile 40x40
	1833536	Hanging bracket DOM with hole	Angled protective fence route Frame profile 40x40
		incl. special screw and spring per bracket	
Threaded pin			
	1718374	Threaded pin M10x40	Frame profile 40x40

18. Accessories - DOORS - fastening kit

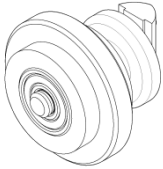
		Fastening kit single door
	1854644	Fastening kit single door CES-AC-AP DRP40
		Fastening kit double door
	1854645	Fastening kit double door CES-AC-AP DRP40
		Fastening kit sliding door
	1842094	Assembly kit sliding door CES-AC-AP_sliding door DRP40


- Further assembly kits available on request.
- When ordering quote switch type and door opening direction.

18. Accessories - DOORS - assembly kits

	Assembly kit hinges		
	1831620	Hinge set, left DRP 40	Frame profile 40x40
	Assembly kit = two hinges + fastening material		
	Assembly kit stop bracket		
	1678266	Stop bracket Bracket:35x35	I = 600 mm Frame profile 30x30
	Special lengths on request!		
	Assembly kit espagnolette bolt		
	1830693	Complete espagnolette bolt	
	each assembly kit incl. ground fastening plate		

19. Accessories - DOORS - assembly kits

	Assembly kit track roller	
	C20644.00	Guide roller D47 for size 8 slot

	Assembly kit roller support	
	1812431	Roller support door 30x30 - steering roller

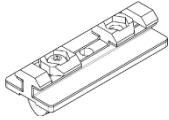
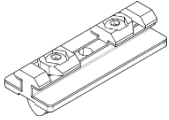
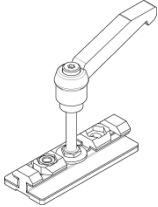
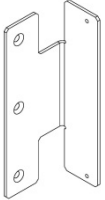
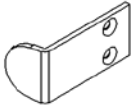
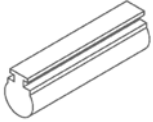
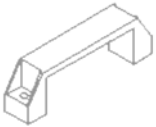
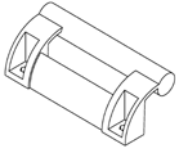




Magnetic locking	Door holder	PE strip guide
Sliding door single	for door max. W800xH2000	for sliding door

		
1839714	1683057	1827733

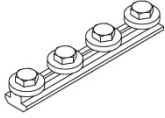
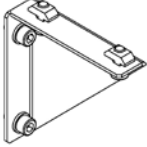
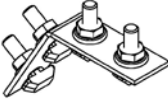
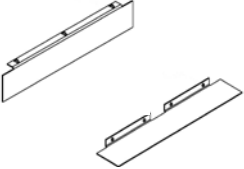
Rollenführung		
1841495		

		
1841495		


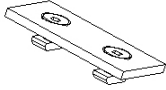

20. Accessories - DOORS - individual parts

Slide piece top with offset	Slide piece bottom with offset	Slide piece top without offset
Profile slide set M5	Profile slide set M6	Profile slide set with clamping lever
		
1768228	1768229	1768230
Angle plate for sliding door	Guide plate for sliding door	Finger guard profile
65x100x255	approx. 50x100x35	Slot 8
		
1842095	1678269	1791489
Bowed handle	Machine handle	Swing door hinge double-side action
26x41x134	198 mm	125 mm high
		
1674890	1706288	1704883
Door stop	Parabolic stop	Swing door hinge single-side action
D50 x25; M8x25	M8 - D32x36	125 mm high
		
1678251	1682279	1719085

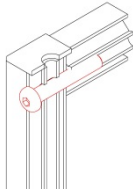
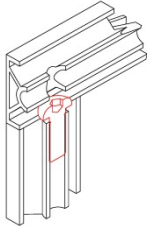



21. Accessories - GENERAL - assembly kits

	Assembly kit profile extension		
	1834773	Profile extension l = 180 M6 for size 8 slot	
	Assembly kit gusset plate		
	1699528	Gusset plate for frame profile 40x40 for size 8 slot	
	Assembly kit angle connecting plate		
	1828265	Angle connecting plate for size 8 slot	
	Assembly kit gap cover		
	1726213	Gap cover horizontal Bracket 30x113 up to w < 1420 mm	with panels up to RM 1500
	1726214	Gap cover horizontal with cut-out bracket 30x113 from w > 1420 mm	with panels from RM 1500
		Special lengths on request	

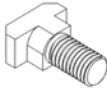

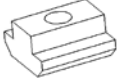



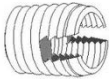
21. Accessories - GENERAL - assembly kits

Angle bracket 36x36 M8 for size 8 slot	Profile fastener DRP 40 for profile 40x40	Automatic fastener Slot 8
		
1834754	1841921	1713759

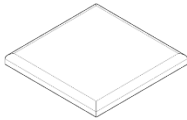
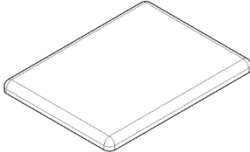
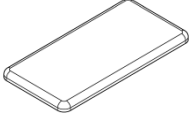
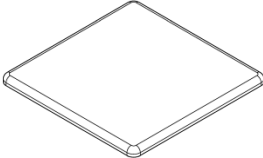

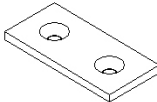
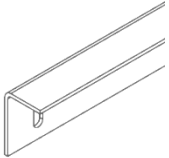
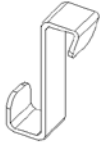
22. Accessories - **GENERAL** - individual parts

		Cheese-head screw with flange
		- for profile connection outside the profiles - fastening various attachment parts
	1730772	Cheese-head screw M8 x 20 galvanised
	1701466	Cheese-head screw M8 x 50 galvanised
		Cheese-head screw without flange
		- for profile connection inside the profiles
	1672819	Cheese-head screw M8 x 20 black (profile 40x40)
		Special screws
	1679347	Special screw M12 x 20
	1678254	Special screw M12 x 30
		Locking screws
	1700747	Locking screw M8 x 16 Tensilok
	1680094	Locking screw M8 x 16 Verbus Ripp
		Collar nut
	1673750	Collar nut M8
	1725427	Collar nut M6


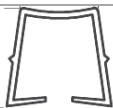
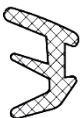

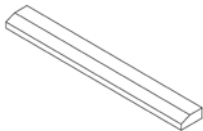

22. Accessories - **GENERAL** - individual parts

		Slot	Hammer screw	
	1725426	8	Hammer screw M6 x 20	
	1739323	8	Hammer screw M8 x 20	
		Slot	Hammer nut	
	1670319	8	Hammer nut M5	
	1670320	8	Hammer nut M6	
		Slot	Slot nuts	
	1680565	8	Slot nut M6	
	1680128	8	Slot nut M8	
	1689486	8	Slot nut M6 with ball	
	1697027	8	Slot nut M8 with ball	
	1736056	8	Slot nut M6 with spring plate	
		Slot	Slot strip	
	1737690	8	Slot strip 4 x M6	l = 180
			Special lengths on request	
		Slot		
	1755493		Threaded insert M8 x 12	

22. Accessories - GENERAL - individual parts

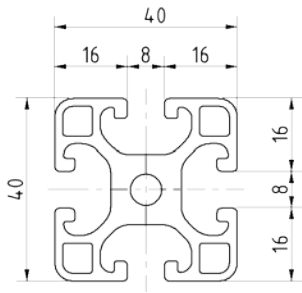
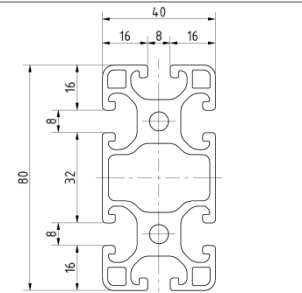
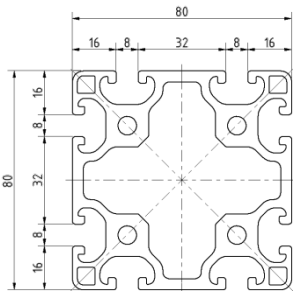
End cap 40x40 without hole	End cap 60 x 80 without hole	End cap 40 x 80 without hole
40x40	60x80	40x80
		
1684066	1684067	1702092
End cap 80 x 80 without hole		
80 x 80		
		
1684068		
Angle bracket 36 x 36	Profile fastening plate DRP40	Gap cover
36x36x37.5	5x350x75	3x35x55 l=1800
		
1737591	1841920	1680885
Mounting hooks		
		
On request		

22. Accessories - **GENERAL** - individual parts

Cover and press-in profiles				
	1700061	Cover profile	black	Slot 8
	1723760	Cover profile	RAL 7035	Slot 8
	1722722	Cover profile	RAL 1018	Slot 8
	1682413	Cover and press-in profile	natural	Slot 8
Gasket				
	1687263	Gasket	black	Slot 8 Washer 2-4 mm
	1722076	Gasket	black	Slot 8 Washer 4-6 mm
Press-in profile				
	1702516	Press-in profile 13x5x100	DIN 1017	Slot 8
Brush strip				
	1718124	Brush strip STL2004 FH50 PP	black	L: 2000 mm
	1718125	Brush strip STL2004 FH50 PP	black	L: 3000 mm
	1682524	Brush strip STL2010 FH50 PA6	black	L:1000 mm
	1721887	Brush strip STL2000 FH80 PP	black	L: 2000 mm

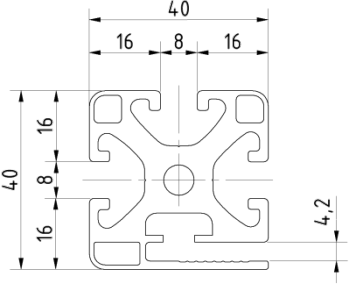
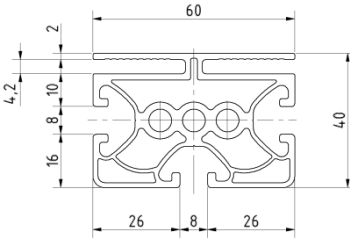
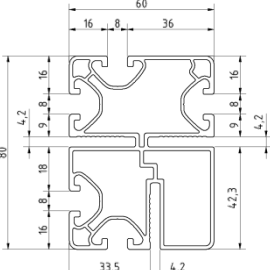
23. Accessories - GENERAL - profiles

- Standard surface: natural anodised
- max. blank length 6000 mm
- Further colours / paint finishes poss. available on request

 <p>Slot width: 8 mm</p>	<table border="1"> <thead> <tr> <th colspan="2">Profile 40x40</th> </tr> </thead> <tbody> <tr> <td>Article no.:</td> <td>1768343 <small>(Succession articles to 1717118)</small></td> </tr> <tr> <td>Weight:</td> <td>m 1.74 kg/m</td> </tr> <tr> <td rowspan="2">Moment of inertia of area:</td> <td>I1 9 cm⁴</td> </tr> <tr> <td>I2 9 cm⁴</td> </tr> <tr> <td rowspan="2">Modulus of resistance:</td> <td>W1 4.5 cm³</td> </tr> <tr> <td>W2 4.5 cm³</td> </tr> </tbody> </table>	Profile 40x40		Article no.:	1768343 <small>(Succession articles to 1717118)</small>	Weight:	m 1.74 kg/m	Moment of inertia of area:	I1 9 cm ⁴	I2 9 cm ⁴	Modulus of resistance:	W1 4.5 cm ³	W2 4.5 cm ³
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Modulus of resistance:	W1 4.5 cm ³												
	W2 4.5 cm ³												
 <p>Slot width: 8 mm</p>	<table border="1"> <thead> <tr> <th colspan="2">Profile 40x80</th> </tr> </thead> <tbody> <tr> <td>Article no.:</td> <td>1768350 <small>(Succession articles to 1702088)</small></td> </tr> <tr> <td>Weight:</td> <td>m 3.04 kg/m</td> </tr> <tr> <td rowspan="2">Moment of inertia of area:</td> <td>I1 69.54 cm⁴</td> </tr> <tr> <td>I2 8.3 cm⁴</td> </tr> <tr> <td rowspan="2">Modulus of resistance:</td> <td>W1 11.38 cm⁴</td> </tr> <tr> <td>W2 3.01 cm⁴</td> </tr> </tbody> </table>	Profile 40x80		Article no.:	1768350 <small>(Succession articles to 1702088)</small>	Weight:	m 3.04 kg/m	Moment of inertia of area:	I1 69.54 cm ⁴	I2 8.3 cm ⁴	Modulus of resistance:	W1 11.38 cm ⁴	W2 3.01 cm ⁴
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Profile 80x80													
Article no.:	1768341 <small>(Succession articles to 1698902)</small>												
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Moment of inertia of area:	I1 9.32 cm ⁴												
	I2 8.40 cm ⁴												
Modulus of resistance:	W1 4.14 cm ³												
	W2 3.73 cm ³												

23. Accessories - GENERAL - profiles

- Standard surface: natural anodised
- max. blank length 6000 mm
- Further colours / paint finishes poss. available on request

 <p>Slot width: 8 mm</p>		Profile 40x40	Frame profile
	Article no.:	1768356	(Succession articles to 1697990)
	Weight:	m	1.74 kg/m
	Moment of inertia of area:	I1	9 cm ⁴
		I2	9 cm ⁴
Modulus of resistance:	W1	4.5 cm ⁴	
	W2	4.6 cm ⁴	
 <p>Slot width: 8 mm</p>		Profile 40x60	Intermediate profile
	Article no.:	1768345	(Succession articles to 1697991)
	Weight:	m	1.769 kg/m
	Moment of inertia of area:	I1	11.1 cm ⁴
		I2	21.7 cm ⁴
Modulus of resistance:	W1	5.17 cm ³	
	W2	7.24 cm ³	
 <p>Slot width: 8 mm</p>		Profile 60x80	Post profile
	Article no.:	1768348	(Succession articles to 1697987)
	Weight:	m	2.568 kg/m
	Moment of inertia of area:	I1	62.2 cm ⁴
		I2	37.7 cm ⁴
Modulus of resistance:	W1	15 cm ³	
	W2	11.6 cm ³	