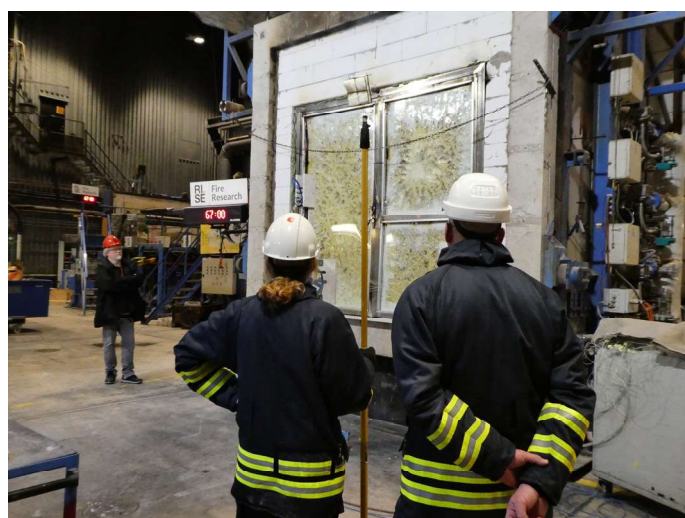


EN SUMMARY

Robust UK 2025-05



Fire resistance class	Supporting documents		
EI(2)30 doorsets	DBI PCA10207A rev 3 2024-09-23		
Stålprofil system SP 76500, SP 77000 and SP 79000	DBI PHB10026 rev 4 2024-07-04		
Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ			
Dimensions	mm	mm	m2
	Max width	Max height	Max area
Single doorsets	1 506	2 898	
Single doorsets with side and/or overpanels	5 198	3 439	
Double doorsets	2 902	2 898	
Double doorsets with side and/or overpanels	6 594	3 439	
Maximum leaf sizes for single and double doorsets	1 386	2 808	3,27
Maximum side panel sizes for single and double doorsets	1 896	2 736	4,32
Maximum overpanel sizes for single and double doorsets	3 396	852	2,41
Doorsets can also be installed in associated construction for unlimited width			

Layout

Maximum number of transoms permitted in single and double door leaves	∞
Maximum number of transoms permitted in side and overpanels	∞
Maximum number of mullions permitted in single and double door leaves	∞
Maximum number of mullions permitted in side and overpanels	∞

Fire resistance class	Supporting document	
	DBI PCA10628A rev 0 2022-08-24	
	DBI PHB10139A rev 0 2022-08-24	
EI30 fixed screen		
Maximum dimensions	∞	4 734
Maximum number of transoms	∞	
Maximum number of mullions	∞	
Maximum number of fixed screens that can be joined without structural support	∞	

Documentation for the doorsets also includes possibilities, e.g.;

Finger trap gasket

Concealed hinge

Door automatic (replacing latch lock)

Door sets with butt-joint wall sections

Door sets in combination with burglary resistance RC3 (hardware dependant)

Arched profiles

Fire resistance class	Supporting documents		
EI(2)60 doorsets	DBI PCA10477A rev 1 2025-01-06		
Stålprofil system SP 77000 and SP 79000	DBI PHB10053A rev 1 2024-12-13		
Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ			
Dimensions	mm	mm	m2
	Max width	Max height	Max area
Single doorsets	1 500	2 766	
Single doorsets with side and/or overpanels	5264	3 439	
Double doorsets	2 890	2 766	
Double doorsets with side and/or overpanels	6 654	3 439	
Maximum leaf sizes for single and double doorsets	1 380	2 676	3,10
Maximum side panel sizes for single and double doorsets	1 932	3342	5,43
Maximum overpanel sizes for single and double doorsets	3 144	894	2,34
Doorsets can also be installed in associated construction for unlimited width			

Layout

Maximum number of transoms permitted in single and double door leaves	∞
Maximum number of transoms permitted in side and overpanels	∞
Maximum number of mullions permitted in single and double door leaves	∞
Maximum number of mullions permitted in side and overpanels	∞

Fire resistance class	Supporting document	
	DBI PCA10440A 2017-05-15	
El60 fixed screen		
Maximum dimensions	∞	3 336
Maximum number of transoms	∞	
Maximum number of mullions	∞	
Maximum number of fixed screens that can be joined without structural support	∞	

Documentation for the doorsets also includes possibilites, e.g.;

- Finger trap gasket
- Concealed hinge
- Door automatic (replacing latch lock)
- Door sets with butt-joint wall sections
- Door sets in combination with burglary resistance RC3 (hardware dependant)
- Arched profiles

Fire resistance class	Supporting documents		
EI(2)90 doorsets	DBI PCA10588A rev 0 2019-11-15		
Stålprofil system SP 79000	DBI PHB10067A rev 0 2019-09-11		
Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ			
Dimensions	mm Max width	mm Max height	m2 Max area
Single doorsets	1 500	2 766	
Single doorsets with side and/or overpanels	4 704	3 433	
Double doorsets	2 890	2 766	
Double doorsets with side and/or overpanels	6 624	3 433	
Maximum leaf sizes for single and double doorsets	1 380	2 676	3,10
Maximum side panel sizes for single and double doorsets	1 932	3 433	5,66
Maximum overpanel sizes for single and double doorsets	3 144	894	2,34

Doorsets can also be installed in associated construction for unlimited width

Layout

Maximum number of transoms permitted in single and double door leaves	∞
Maximum number of transoms permitted in side and overpanels	∞
Maximum number of mullions permitted in single and double door leaves	∞
Maximum number of mullions permitted in side and overpanels	∞

Fire resistance class	Supporting document	
	DBI PCA10550A rev 0 2019-05-08	
EI90 fixed screen		
Maximum dimensions	∞	3 336
Maximum number of transoms	∞	
Maximum number of mullions	∞	
Maximum number of fixed screens that can be joined without structural support	∞	

Documentation for the doorsets also includes possibilites, e.g.;

Finger trap gasket

Door sets with butt-joint wall sections

Door sets in combination with burglary resistance RC3 (hardware dependant)

Arched profiles

Fire resistance class	Supporting documents		
EW60 doorsets	DBI PCA10137 rev 3 2016-03-18		
Stålprofil system SP 35000	DBI PHB10016 rev 3 2016-03-04		
Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ			
Dimensions	mm Max width	mm Max height	m2 Max area
Single doorsets	1 483	2 772	
Single doorsets with side and/or overpanels	3 567	3 500	
Double doorsets	2 810	2 612	
Double doorsets with side and/or overpanels	4 944	3 500	
Maximum leaf sizes for single doorsets	1 403	2 702	3,44
Maximum leaf sizes for double doorsets	1 380	2 542	3,42
Maximum side panel sizes for single and double doorsets	1 092	2 760	2,74
Maxoverpanel sizes for single and double doorsets type 1	2 990	506	1,37
Max overpanel sizes for single and double doorsets type 2	1 483	807	1,20

Doorsets can also be installed in associated construction for unlimited width

Layout

Maximum number of transoms permitted in single and double door leaves	∞
Maximum number of transoms permitted in side and overpanels	∞
Maximum number of mullions permitted in single and double door leaves	∞
Maximum number of mullions permitted in side and overpanels	∞

Fire resistance class	Supporting document	
	Warrington 341208	
EW60 fixed screen		
Maximum dimensions	∞	3 000
Maximum number of transoms	∞	
Maximum number of mullions	∞	
Maximum number of fixed screens that can be joined without structural support	∞	

Documentation for the doorsets also includes possibilites, e.g.;

Door automatic (replacing latch lock)

Door sets in combination with burglary resistance RC2 (hardware dependant)

Arched profiles

Fire resistance class	Supporting documents
EI(2)20/EW60 doorsets	PCA10377A rev 1 2020-06-18
Stålprofil system SP 76500, SP 77000 and SP 79000	PHB10035A rev 1 2020-05-01

Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ

Dimensions	mm	mm	m2
	Max width	Max height	Max area
Single doorsets	1 506	2 898	
Single doorsets with side and/or overpanels	3 686	3 416	
Double doorsets	2 902	2 898	
Double doorsets with side and/or overpanels	5 052	3 416	
Maximum leaf sizes for single and double doorsets	1 386	2 808	3,27
Maximum side panel sizes for single and double doorsets	1 140	2 880	2,74
Max overpanel sizes for single and double doorsets type 1	3 078	528	1,35
Max overpanel sizes for single and double doorsets type 2	2 568	846	1,81

Doorsets can also be installed in associated construction for unlimited width

Layout

Maximum number of transoms permitted in single and double door leaves	∞
Maximum number of transoms permitted in side and overpanels	∞
Maximum number of mullions permitted in single and double door leaves	∞
Maximum number of mullions permitted in side and overpanels	∞

Documentation for the doorsets also includes possibilites, e.g.;

Finger trap gasket

Door automatic (replacing latch lock)

Door sets with butt-joint wall sections

Door sets in combination with burglary resistance RC3 (hardware dependant)

Arched profiles

Fire resistance class	Supporting documents
EI(2)30 sliding doorsets	DBI PCA10882A rev 0 2023-06-23
Stålprofil system SP 77000	DBI PHB10103A rev 0 2023-06-23

Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ

Dimensions	mm	mm
	Max width	Max height
Sliding doorset leaf size	945	2 964
Sliding doorset leaf size alt.	1 134	2 470
Double doorsets with side and/or overpanels	∞	3 522

Doorsets can also be installed in associated construction for unlimited width

Layout

Maximum number of transoms permitted in single and double door leaves	∞
Maximum number of transoms permitted in side and overpanels	∞
Maximum number of mullions permitted in single and double door leaves	∞
Maximum number of mullions permitted in side and overpanels	∞

Fire resistance class	Supporting document	
	DBI PCA10628A	
EI30 fixed screen		
Maximum dimensions	∞	3 336
Maximum number of transoms	∞	
Maximum number of mullions	∞	
Maximum number of fixed screens that can be joined without structural support	∞	

Smoke resistance class Sa	Supporting documents
Sa doorsets	CR 3P07556-2 rev 2
Stålprofil system SP 35000, SP 76500, SP 77000 and SP 79000	EXAP 3P07556-1 rev 2
<i>Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ</i>	

	mm	mm	m2
Dimensions	Max width	Max height	Max area
Maximum leaf sizes for single and double doorsets	1 728	3 680	4,47
<i>Doorsets can also be installed with side- and over panel in associated construction for unlimited width</i>			

Smoke resistens class S200	Supporting document
S200 doorsets	CR 3P07556-2 rev 2
Stålprofil system SP 35000, SP 76500, SP 77000 and SP 79000	EXAP 3P07556-1 rev 2
<i>Profiles also available in stainless steel acid resistant quality EN 1.4404 (316L), max measures might differ</i>	

	mm	mm	m2
Dimensions	Max width	Max height	Max area
Maximum leaf sizes for single and double doorsets	1 248	2656	4,47
Single door + finger trap gasket	1 235	2 310	2,85
Double door (active door leaf) + finger trap gasket	1 420	2 656	3,42
Double door (passive door leaf) + finger trap gasket	1 029	2 656	2,48

Doorsets can also be installed with side- and over panel in associated construction for unlimited width

Layout*

Max number of transoms permitted in single and double door leaves	2
Max number of mullions permitted in single and double door leaves	2
<i>* Max 3 pcs glass panes in each door leaf</i>	

Documentation for the doorsets also includes possibilites, e.g.;

Door sets in combination with fire resistance up to EI(2)90

Door sets in combination with burglary resistance RC3 (hardware dependant)

Arched profiles

Identifier	Rw section	Area section	Rw profile	Area profile	Rw glass	Area glass	Rw threshold	Area threshold
Fixed window-(250520-102-1)	40.50	2.5	44.00	0.46	40.00	2.12	0.00	0.00
Double doorset-(250520-101-1)	39.44	4.8	42.00	1.55	40.00	3.62	25.00	0.04
Single doorset-(250520-100-1)	39.54	2.5	42.00	0.93	40.00	1.80	25.00	0.02

Identifier	Uw section	Area section	Uw profile	Area profile	Uw glass	Area glass	Circumference glass	Heat transfer coeffice
Fixed window-(250520-102-1)	1.34	2.5	1.77	0.46	1.10	2.03	6.15	0.05
Double doorset-(250520-101-1)	1.42	4.8	1.79	1.57	1.10	3.46	11.54	0.05
Single doorset-(250520-100-1)	1.44	2.5	1.79	0.94	1.10	1.72	5.76	0.05

Hardwaredata				
Threshold profile	Flatsteel 50x5 AISI 304		1-P8	L:1150,0 0 mm
SP Tätning	SP 45065 Tröskelgummi		1	1-Installation 1050,00
SP 40035/2 Tätningslist brandhä m. silikon		10,14 m		
Glassdata				
Glass EI30	Contraflam 30 EI30		A:1 pcs	
SP 42520 Glaslist		Rebate: 41,00	Indent: 0,0 mm	Galvanized steel
SP 40020 Skruv		28 pcs/12,50 mm		
Inside: SP 8811CT173 Kera misk tejp svart 17 x 3mm		5,73 m /2,50 mm	Outside: SP 8811CT173 Keramisk tejp svart 17 x 3mm	5,73 m /2,50 m m
Other info				
Total CO ₂ e: 328,07 kg Defined 100,0 % weight Interior		Stålprofil CO ₂ e: 175,28 kg SP Share 53,4 % defined Doorleaf weight: 126,3 kg		
Section area: 2,5 m ²		Section Rw: 39,8 db		
Section weight: 156,0 kg		Section Uw: 1,44 W/m ² K		

SP system	Amount	Surface treatment	Hanging	Frame id	Fire resistance
SP 77000	1		Right Outside	Single doorset	
		Stålprofil AB		PRIVIEW: 250520	Stage: Stage
				250520 U-värdesberäkning	
Drawn by	Date	Drawing no	Scale	Checked by	Signature
Mikaela Johanson	2025-05-20	250520 - 100	18 / 6		

Identifier	Rw section	Area section	Rw profile	Area profile	Rw glass	Area glass	Rw threshold	Area threshold
Fixed window-(250520-102-1)	40.50	2.5	44.00	0.46	40.00	2.12	0.00	0.00
Double doorset-(250520-101-1)	39.44	4.8	42.00	1.55	40.00	3.62	25.00	0.04
Single doorset-(250520-100-1)	39.54	2.5	42.00	0.93	40.00	1.80	25.00	0.02

Identifier	Uw section	Area section	Uw profile	Area profile	Uw glass	Area glass	Circumference glass	Heat transfer coeffice
Fixed window-(250520-102-1)	1.34	2.5	1.77	0.46	1.10	2.03	6.15	0.05
Double doorset-(250520-101-1)	1.42	4.8	1.79	1.57	1.10	3.46	11.54	0.05
Single doorset-(250520-100-1)	1.44	2.5	1.79	0.94	1.10	1.72	5.76	0.05

Glassdata			
Glass EI30	Contraflam 30 EI30 22mm		A:1 pcs
FK 40x20 F_List	Rebate: 26,00	Indent: 0,0 mm	Carbon steel
SP 40055 Säkringsskruv	28 pcs/10,00 mm		
Inside: SP 8811ITFXL20030 2 Intumescent tape 30 x m m	6,20 m /2,00 mm	Outside: SP 8811ITFXL2 00302 Intumescent tape 30 x mm	6,20 m /2,00 m m
Other info			
Total CO ₂ e: 248,07 kg Defined 100,0 % weight Interior		Stålsprofil CO ₂ e: 86,37 kg SP Share 34,8 % defined	
Section area: 2,5 m ²		Section Rw: 40,5 db	
Section weight: 137,1 kg		Section Uw: 1,34 W/m ² K	

SP system SP 77000	Amount 1	Surface treatment	Hanging Wall	Frame id Fixed window	Fire resistance
STÅLPROFIL		Stålsprofil AB		PRIVIEW: 250520 250520 U-värdesberäkning	Stage: Stage
Drawn by Mikaela Johanson	Date 2025-05-20	Drawing no 250520 - 102	Scale 18 / 6	Checked by	Signature