

distinctive steel window systems

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W40 Fire



W40 Fire

Steel is the ideal material for the realization of fire doors, thanks to its stability in the event of a fire. Associated to the correct fire-rated glass, it guarantees a secure barrier against fire and smoke.

FerroFinestra W40 Fire - with fire protection classes from E30 to E120 - offers a wide range of possibilities for finely dividing residential, commercial and institutional buildings into safe fire protection sectors.

Keeping the original manufacturing method of hot-rolling, FerroFinestra W40 Fire has an evocative and elegant design that meets the highest architectural demands, both for renovation works and contemporary buildings.

Fire out, beauty in

L'acciaio è il materiale ideale per la realizzazione di porte tagliafuoco, grazie alla sua stabilità in caso di incendio. Associato al vetro adeguato, garantisce una barriera sicura contro il fuoco e il fumo.

FerroFinestra W40 Fire - con classi di protezione da E30 a E120 - offre un'ampia gamma di possibilità per suddividere con stile gli interni di edifici residenziali, commerciali e istituzionali in locali protetti.

Unico a mantenere il metodo di produzione originale, quello della laminazione a caldo, FerroFinestra W40 Fire è caratterizzato da un design evocativo ed autentico, che soddisfa le più alte esigenze progettuali, sia in interventi di riqualificazione che nell'architettura contemporanea.

Fire out, beauty in

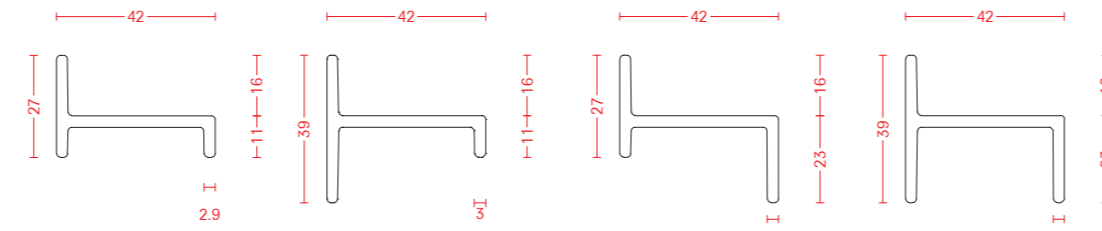




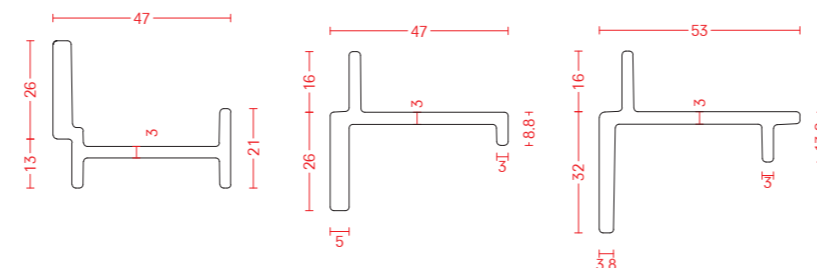
W40 Fire

profile range

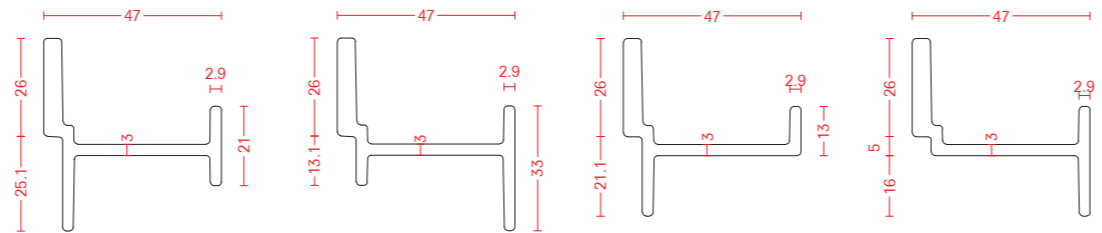
-01 Hot rolled steel -14 Laser welded and sand blasted steel



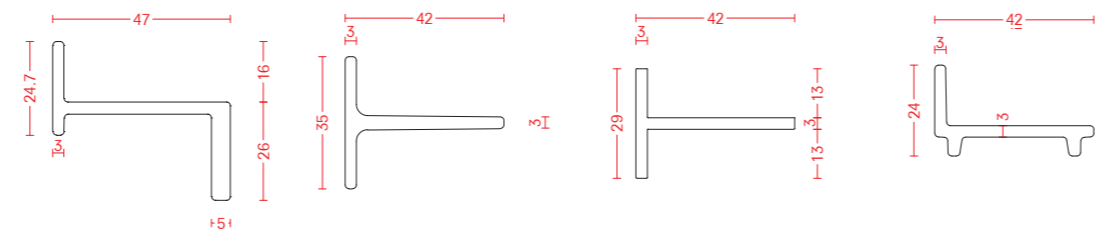
FF 4203LF-01 FF 4203TF-01 FF 4203ZF-01 FF 4203HF-01



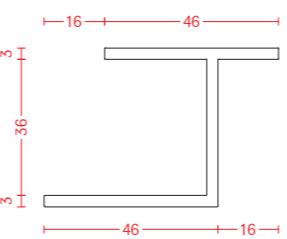
FF 4703L-01 FF 4703TA-01 FF 5303TZ-01



FF 4703T-01 FF 4703Z-01 FF 4703TL-01 FF 4703ZL-01



FF 4703ZA-01 FF 4203TN-01 FF 4203TR-14 FF 4203LC-01



FF 4203RS-14

glazing beads

-01 Hot rolled steel



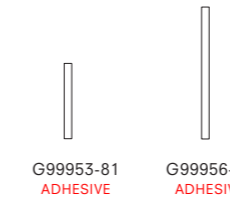
FV 1616A-01

intumescent strips

-81 foamable graphite black -84 foamable black

internal/external tape seals

-79 CaMg silicate white



G99953-81 ADHESIVE G99956-84 ADHESIVE



G99950-79 ADHESIVE G99954-79 ADHESIVE G99955-79 ADHESIVE

glass rebate intumescent strips

-80 graphite black



G99952-80 ADHESIVE

end pieces for second leaf

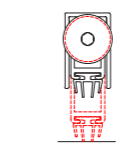
-12 Bright steel



E03302-12 E03303-12

automatic drop seal

-35 Black -41 Grey RAL 7035 -62 PVC



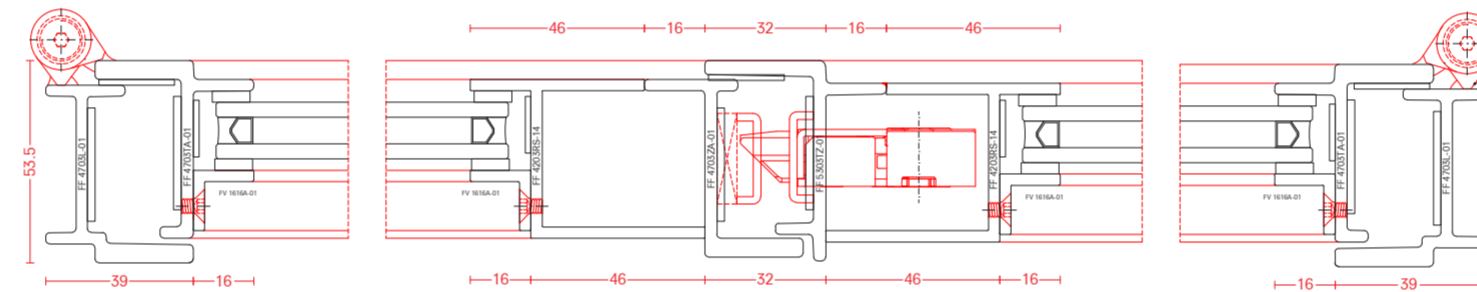
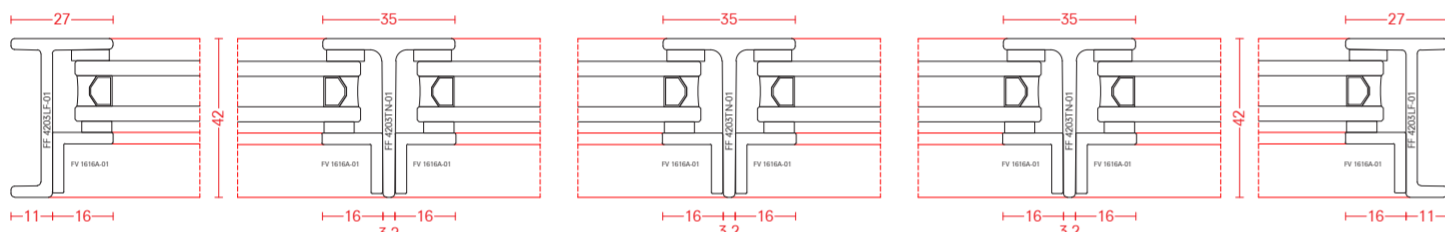
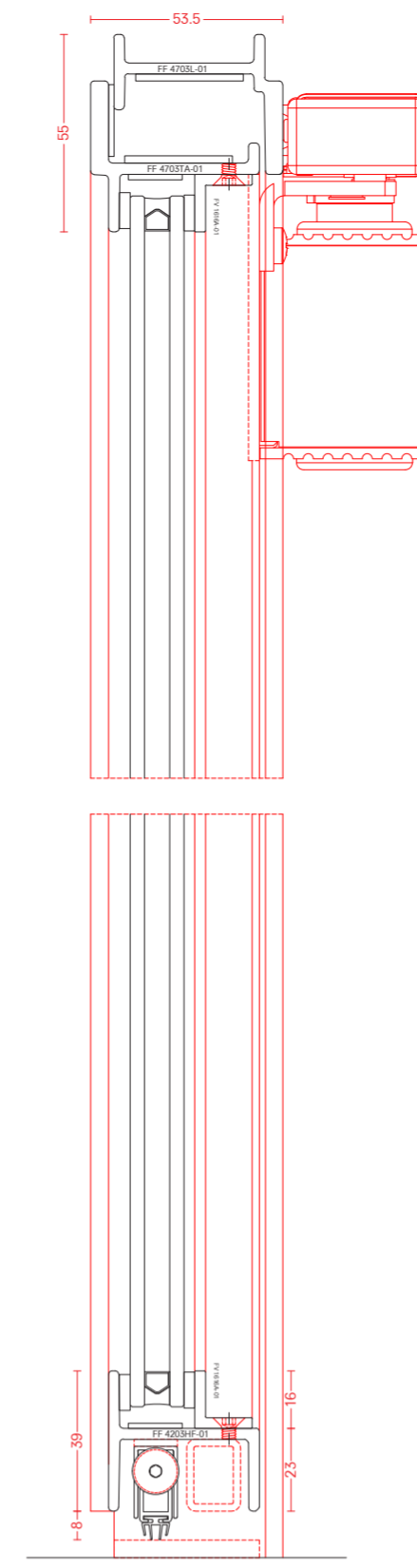
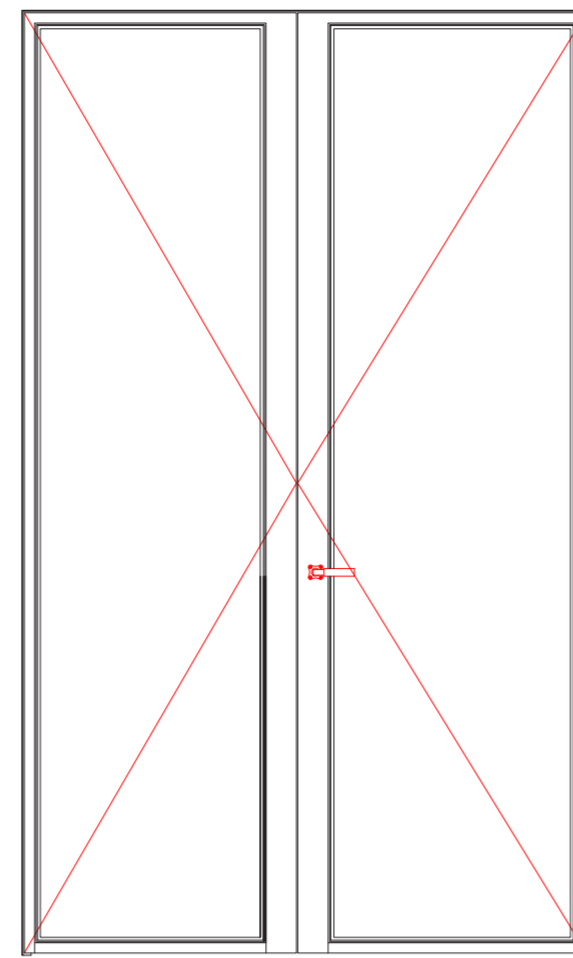
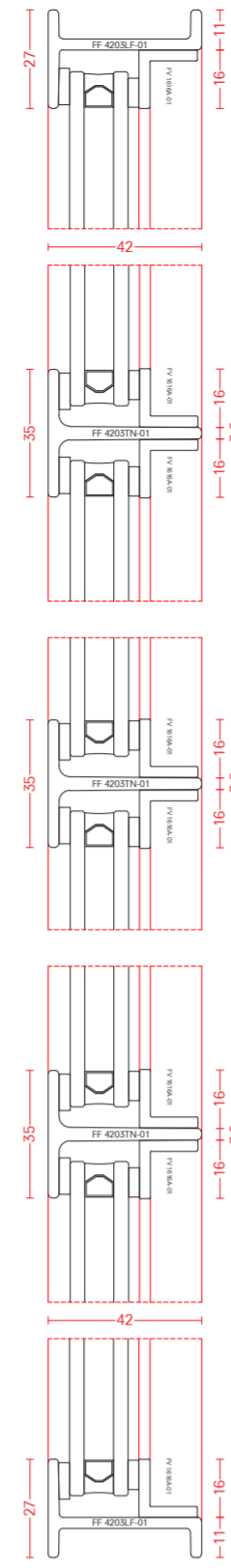
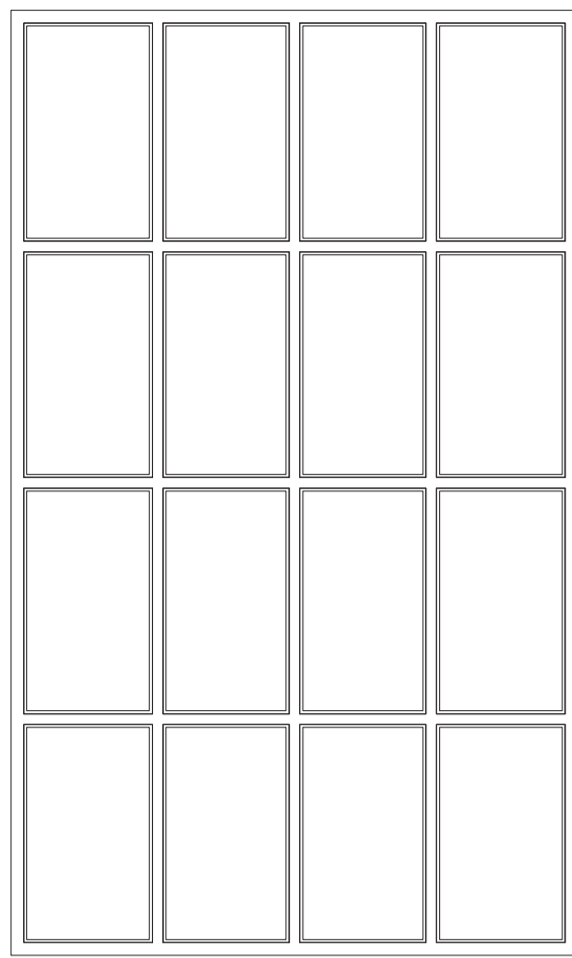
AUTOMATIC DROP SEAL

G99501-62 330 mm (shortenable up to 50 mm)
 G99502-62 430 mm (shortenable up to 135 mm)
 G99503-62 530 mm (shortenable up to 200 mm)
 G99504-62 630 mm (shortenable up to 200 mm)
 G99505-62 730 mm (shortenable up to 200 mm)

G99506-62 830 mm (shortenable up to 200 mm)
 G99507-62 930 mm (shortenable up to 200 mm)
 G99508-62 1030 mm (shortenable up to 200 mm)
 G99509-62 1130 mm (shortenable up to 200 mm)
 G99510-62 1230 mm (shortenable up to 200 mm)



G99511-35 BLACK
 G99511-41 GREY RAL 7035
 SIDEWARD COVER CAP FOR
 DROP-DOWN SEAL



W40 FR E30 - E60 - E90 - E120

Design Overview Based on Assessment of the Fire Resistant Performance WF 514554 - UK only

W40 FR E30 - E60 - E90 - E120

Design Overview Based on Assessment of the Fire Resistant Performance WF 514554 - UK only

W40 FR E30 - E60 - E90 - E120

Design Overview Based on Assessment of the Fire Resistant Performance WF 514554 and Testreport WF 525930 - UK only

Model	Single leaf door	Double leaf door									
Subject 1 Leaf Dimensions LATCHED	Classification	E30	E30	Max Leaf Dimension Width* to Height	1480 to 2500 mm	3110 to 1190 mm	3,7m ²	Max Leaf Dimension Width* to Height	1480 to 2500 mm	3110 to 1190 mm	3,7m ²
		E50	E50	Max Leaf Dimension Height* to Width	1480 to 2500 mm	3110 to 1190 mm	3,7m ²	Max Leaf Dimension Height* to Width	1480 to 2500 mm	3110 to 1190 mm	3,7m ²
		E90	E90	Max Area	1400 to 2500 mm	2940 to 1190 mm	3,5m ²	Max Area	1400 to 2500 mm	2940 to 1190 mm	3,5m ²
		E120	E120	Max Area	1320 to 2500 mm	2770 to 1190 mm	3,3m ²	Max Area	1320 to 2500 mm	2770 to 1190 mm	3,3m ²
Subject 2 Leaf Dimensions UNLATCHED	Classification	E30	E30	Max Leaf Dimension Width* to Height	1190 mm	2500 mm	2,98m ²	Max Leaf Dimension Width* to Height	1480 to 2500 mm	3110 to 1190 mm	3,7m ²
		E50	E50	Max Leaf Dimension Height* to Width	1190 mm	2500 mm	2,98m ²	Max Leaf Dimension Height* to Width	1480 to 2500 mm	3110 to 1190 mm	3,7m ²
		E90	E90	Max Area	1190 mm	2500 mm	2,98m ²	Max Area	1400 to 2500 mm	2940 to 1190 mm	3,5m ²
		E120	E120	Max Area	1190 mm	2500 mm	2,98m ²	Max Area	1320 to 2500 mm	2770 to 1190 mm	3,3m ²
Subject 3 Glass Dimensions T-E/W/13-11/5-1	Classification	E30	E30	Max Leaf Dimension Width* to Height	1280 to 2896 mm	1600 to 2295 mm	3,67 m ²	Max Leaf Dimension Width* to Height	1280 to 2896 mm	1600 to 2295 mm	3,67 m ²
		E50	E50	Max Leaf Dimension Height* to Width	1280 to 2896 mm	1600 to 2295 mm	3,67 m ²	Max Leaf Dimension Height* to Width	1280 to 2896 mm	1600 to 2295 mm	3,67 m ²
		E90	E90	Max Area	1050 to 3348 mm	1274 to 2794 mm	3,55m ²	Max Area	1050 to 3348 mm	1274 to 2794 mm	3,55m ²
		E120	E120	Max Area	1280 to 2754 mm	1536 to 2295 mm	3,53m ²	Max Area	1280 to 2754 mm	1536 to 2295 mm	3,53m ²
Subject 4 Glass Dimensions T-E/6 & E/6 T-E/10	Classification	E30 Side	E30 Side	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863 mm	1,63 m ²	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863 mm	1,63 m ²
		E30 Transom**	E30 Transom**	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²
Subject 5 Hardware / Fittings	Usable Hardware/Fittings	Usable Hardware/Fittings		Usable Hardware/Fittings		Usable Hardware/Fittings		Usable Hardware/Fittings		Usable Hardware/Fittings	
	All Classifications	<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 	

* If the clear door leaf dimensions under subject 1 and 2 are larger than the above glass dimensions, a number of additional horizontal and vertical transoms are permissible.
** Only T-E/10

Model	Single leaf door in partition	Double leaf door in partition										
Subject 1 Leaf Dimensions LATCHED	Classification	E30	E30	Max Leaf Dimension Width* to Height	1138 to 2206 mm	2743 to 923 mm	2,5m ²	Max Leaf Dimension Width* to Height	1138 to 2206 mm	2743 to 923 mm	2,5m ²	
		E50	E50	Max Leaf Dimension Height* to Width	1138 to 2206 mm	2743 to 923 mm	2,5m ²	Max Leaf Dimension Height* to Width	1138 to 2206 mm	2743 to 923 mm	2,5m ²	
		E90	E90	Max Area	1108 to 2206 mm	2647 to 923 mm	2,4m ²	Max Area	1108 to 2206 mm	2647 to 923 mm	2,4m ²	
		E120	E120	Max Area	1061 to 2206 mm	2537 to 923 mm	2,3m ²	Max Area	1061 to 2206 mm	2537 to 923 mm	2,3m ²	
Subject 2 Leaf Dimensions UNLATCHED	Classification	E30	E30	Max Leaf Dimension Width* to Height	923 mm	2203 mm	2,03m ²	Max Leaf Dimension Width* to Height	1138 to 2206 mm	2743 to 923 mm	2,5m ²	
		E50	E50	Max Leaf Dimension Height* to Width	923 mm	2203 mm	2,03m ²	Max Leaf Dimension Height* to Width	1138 to 2206 mm	2743 to 923 mm	2,5m ²	
		E90	E90	Max Area	923 mm	2203 mm	2,03m ²	Max Area	1108 to 2206 mm	2647 to 923 mm	2,4m ²	
		E120	E120	Max Area	923 mm	2203 mm	2,03m ²	Max Area	1061 to 2206 mm	2537 to 923 mm	2,3m ²	
Subject 3 Glass Dimensions T-E/W/13-11/5-1	Classification	E30 Side	E30 Side	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863mm	1,63 m ²	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863mm	1,63 m ²	
		E30 Transom	E30 Transom	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²	
		E60 Side	E60 Side	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863mm	1,63 m ²	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863mm	1,63 m ²	
		E60 Transom	E60 Transom	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²	
		E90 Side	E90 Side	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863mm	1,63 m ²	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863mm	1,63 m ²	
		E90 Transom	E90 Transom	Max Leaf Dimension Height* to Width	2214 to 800 mm	1000 to 2214 mm	2,14 m ²	Max Leaf Dimension Height* to Width	2214 to 800 mm	1000 to 2214 mm	2,14 m ²	
		E 120 Side	E 120 Side	Max Leaf Dimension Width* to Height	1057 to 1512 mm	1852 to 863mm	1,59 m ²	Max Leaf Dimension Width* to Height	1057 to 1512 mm	1852 to 863mm	1,59 m ²	
		E120 Transom**	E120 Transom**	Max Leaf Dimension Height* to Width	2120 to 800 mm	800 to 2120 mm	1,69 m ²	Max Leaf Dimension Height* to Width	2120 to 800 mm	800 to 2120 mm	1,69 m ²	
	Subject 4 Glass Dimensions T-E/6 & E/6 T-E/10	Classification	E30 Side	E30 Side	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863 mm	1,63 m ²	Max Leaf Dimension Width* to Height	1078 to 1512 mm	1890 to 863 mm	1,63 m ²
			E30 Transom**	E30 Transom**	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²	Max Leaf Dimension Height* to Width	2274 to 800 mm	1000 to 2274 mm	2,27 m ²
	Subject 5 Hardware / Fittings	Usable Hardware/Fittings	Usable Hardware/Fittings		Usable Hardware/Fittings		Usable Hardware/Fittings		Usable Hardware/Fittings		Usable Hardware/Fittings	
		All Classifications	<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 		<ul style="list-style-type: none"> All surface or concealed mounted door closer classified according EN 1154 All locks classified according EN 12209 Hinges Ottostumm C99008-12 Handles Ottostumm Collection "ONE", "TIMELESS" and "HERITAGE" 	

* If the clear door leaf dimensions under subject 1 and 2 are larger than the above glass dimensions, a number of additional horizontal and vertical transoms are permissible.
** Only T-E/10

Model	Single leaf door with side and transom light								
Subject 1 Dimension Partition	Classification	E30	Max Width	Infinite	Max Height	4000 mm	Max Area	Infinite	
		E50	Max Width	Infinite	Max Height	4000 mm	Max Area	Infinite	
		E90	Max Width	Infinite	Max Height	4000 mm	Max Area	Infinite	
		E120	Max Width	Infinite	Max Height	4000 mm	Max Area	Infinite	
Subject 2 Glass Dimensions T-E/W/15-1	Classification	E30	Max Glass Dimension Width* to Height	1562 to 2894 mm	Max Glass Dimension Height* to Width	3473 to 1302 mm	Max Area	4,52m ²	
		E50	Max Glass Dimension Width* to Height	1562 to 2894 mm	Max Glass Dimension Height* to Width	3473 to 1302 mm	Max Area	4,52m ²	
		E90	Max Glass Dimension Width* to Height	1562 to 2894 mm	Max Glass Dimension Height* to Width	3473 to 1302 mm	Max Area	4,52m ²	
		E120	Max Glass Dimension Width* to Height	1432 to 2894 mm	Max Glass Dimension Height* to Width	3473 to 1302 mm	Max Area	4,14 m ²	
Subject 3 Glass Dimensions T-E/W/13-11/5-1	Classification	E30 Side	Max Glass Dimension Width* to Height	923 to 1602 mm	Max Glass Dimension Height* to Width	1922 to 769 mm	Max Area	1,48 m ²	
		E30 Transom	Max Glass Dimension Width* to Height	1862 to 633 mm	Max Glass Dimension Height* to Width	760 to 1552mm	Max Area	1,18 m ²	
		E60 Side	Max Glass Dimension Width* to Height	923 to 1602 mm	Max Glass Dimension Height* to Width	1922 to 769 mm	Max Area	1,48 m ²	
		E60 Transom	Max Glass Dimension Width* to Height	1862 to 633 mm	Max Glass Dimension Height* to Width	760 to 1552mm	Max Area	1,18 m ²	
		E90 Side	Max Glass Dimension Width* to Height	923 to 1602 mm	Max Glass Dimension Height* to Width	1922 to 769 mm	Max Area	1,48 m ²	
		E90 Transom	Max Glass Dimension Width* to Height	1862 to 633 mm	Max Glass Dimension Height* to Width	760 to 1552mm	Max Area	1,18 m ²	
		E 120 Side	Max Glass Dimension Width* to Height	846 to 1602 mm	Max Glass Dimension Height* to Width	1762 to 769 mm	Max Area	1,35 m ²	
		E120 Transom**	Max Glass Dimension Width* to Height	1707 to 633 mm	Max Glass Dimension Height* to Width	696 to 1552 mm	Max Area	1,18 m ²	
	Subject 4 Glass Dimensions T-E/6 & E/6 T-E/10	Classification	E30 Side	Max Leaf Dimension Width* to Height	1078 to 1512 mm	Max Leaf Dimension Height* to Width	1890 to 863 mm	Max Area	1,63 m ²
			E30 Transom**	Max Leaf Dimension Width* to Height	2274 to 800 mm	Max Leaf Dimension Height* to Width	1000 to 2274 mm	Max Area	2,27 m ²

* If the clear door leaf dimensions under subject 1 and 2 are larger than the above glass dimensions, a number of additional horizontal and vertical transoms are permissible.
** Only T-E/10

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