

T90 / EI₂90 fire-rated door STS 90 / STU 90

Single- and double-leaf, flush, glued over the entire surface



STS 90
Flush



STU 90
Thick rebate

Main function

T90 / EI₂90 Fire-proof

T90

EI₂90

U_D

Thermally insulated

U_D = 1.3 – 2.5 W/(m²·K)

For doors without glazing or top parts. Dependent on door size.

RS

Smoke-tight

With retractable bottom seal (without top panel)

Sm

dB

Acoustic-rated

Up to 37 dB with retractable bottom seal

WK 2

Break-in-resistant
WK 2 (STU 90)

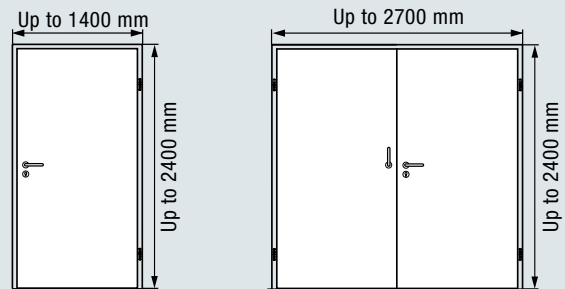
WK 3

Break-in-resistant
WK 3 (STU 90)

Optional extras

Frame types Page 14

Glazing variants Page 28



The size information is related to the overall frame dimension (block frame).

Fire-rated door

Door leaf

62 mm

62 mm

Sheet thickness

1.0 mm

1.0 mm

Rebate type

STS 90:

Flush

STU 90:

Thick rebate

STS 90:

Flush

STU 90:

Thick rebate

Fitting in

Brickwork	≥ 240 mm	≥ 240 mm
Concrete	≥ 140 mm	≥ 140 mm
Gas concrete	≥ 200 mm	≥ 200 mm
Partition walls	≥ 150 mm	≥ 150 mm
Cladded steel columns / girders	≥ F120 A	≥ F120 A

STS 90 / STU 90	Single-leaf		Double-leaf	
	Width	Height	Width	Height
Size range***				
Overall frame dimension (ordering size) block frame	615 – 1400	1745 – 2400	1129** – 2700	1745 – 2400
Steel frame nominal size	545 – 1280	1710 – 2340	1059** – 2580	1710 – 2340
Clear passage dimension*	505 – 1200	1690 – 2300	1019** – 2500	1690 – 2300
Traffic leaf clear passage dimension*			511** – 1309	

* With an opening angle of 90° and without fittings, the clear passage width is reduced by 57 mm (STS) or 29 mm (STU), for double-leaf doors by 114 mm (STS) or 58 mm (STU).

** Depending on the selected overhead door closer, larger minimum door dimensions may be required!

*** Larger door sizes are available on request.

All information in accordance with approval and technical feasibility.

Actual dimensions may differ depending on the door frame type, depth, or width-height ratio.

All dimensions in mm

T90 / EI₂90 stainless steel fire-rated door STS 90 / STU 90

Single- and double-leaf, flush, glued over the entire surface



STS 90
Flush



STU 90
Thick rebate

Main function

T90 / EI₂90 Fire-proof

T90

EI₂90

U_D

Thermally insulated

U_D = 1.3 – 2.5 W/(m²·K)

For doors without glazing or top parts. Dependent on door size.

Additional functions

(with corresponding equipment, see pages 8 – 9)

RS

Smoke-tight

With retractable bottom seal (without top panel)

Sm

dB

Acoustic-rated

Up to 37 dB with retractable bottom seal

WK 2

Break-in-resistant
WK 2 (STU 90)

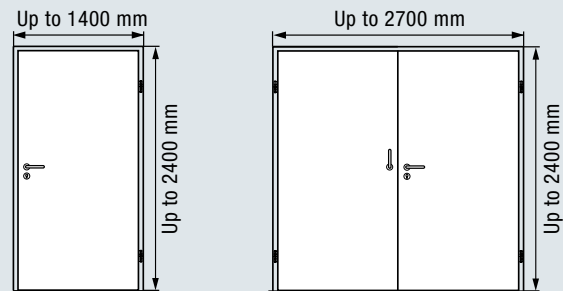
WK 3

Break-in-resistant
WK 3 (STU 90)

Optional extras

Frame types Page 14

Glazing variants Page 28



The size information is related to the overall frame dimension (block frame).

Stainless steel fire-rated door

Door leaf

Single-leaf

62 mm

Double-leaf

62 mm

Sheet thickness

Min. 0.80 mm

Min. 0.80 mm

Rebate type

STS 90:

Flush

STU 90:

Thick rebate

STS 90:

Flush

STU 90:

Thick rebate

Fitting in

Brickwork	≥ 240 mm	≥ 240 mm
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Partition walls	≥ 150 mm	≥ 150 mm
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