

Limit values - ND NTech Villa Balcony door (security)

Market:



NorDan[®]

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Construction: 92/67

Applicable for product codes: TE

TE frame	Width mm	Height mm	Max W+H mm	Max weight kg
	588 - 1188	1338 - 2537	3500	
AB	688 - 1188	1338 - 2537	3500	
VLD319 - Center lock positioned 1000mm up from underside threshold	588 - 1188	1888 - 2488		
VLD505 - EI30 Fire - approved - marked VLD506 - EI30 Fire - not approved - unmarked	588 - 988	1588 - 2388	3476	120
VLD900 - Handle on internal side only	588 - 1188	1838 - 2537	3500	

TE sash	Width mm	Height mm	Max W+H mm	Max weight kg
	502 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	502 - 1104	1831 - 2431		
VLD891 - SBD	502 - 1104	1880 - 2479		

Remarks

TE frame

NorDan security balcony door - standard pack.
With thumbturn internally and blankplate externally (sent loose).
Espagnolette consists of a security lock in the center, 3 tightening tonques, center hook bolt and sprung latch.
Frame height \geq 1938 mm: 3 locking points on espagnolette.

Standard with 3 hinges:
- Frame width \geq 1050 mm : 4 no. hinges
- Frame height \geq 2389 mm : 4 no. hinges
- Sash weight \geq 85 kg : 4 no. hinges

# Clear opening width calculation:	Without aluminium	With aluminium
Opened 90 degrees; Frame width minus:	179 mm	183 mm
Opened 180 degrees; Frame width minus:	112 mm	112 mm

EI30
- Factory coupled not an option.
- Coupled on site is optional.
- Coupled maximum 3 meter in height, no limit in width.

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Construction: 105/80

Applicable for product codes: TE

TE frame	Width mm	Height mm	Max W+H mm	Max weight kg
	588 - 1188	1338 - 2537	3500	
AB	688 - 1188	1338 - 2537	3500	
VLD505 - EI30 Fire - approved - marked VLD506 - EI30 Fire - not approved - unmarked	588 - 1136	1588 - 2401	3276	
VLD900 - Handle on internal side only	588 - 1188	1838 - 2537	3500	

TE sash	Width mm	Height mm	Max W+H mm	Max weight kg
	502 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	502 - 1104	1831 - 2431		
VLD692 - Burglar resistance EN 1627:2011 RC2 VLD695 - Burglar resistance EN 1627:2011 RC2N VLD891 - SBD	502 - 1104	1880 - 2479		

Remarks

TE frame

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Espagnolette consists of a security lock in the center, 3 tightening tonques,
center hook bolt and sprung latch.
Frame height \geq 1938 mm: 3 locking points on espagnolette.

Standard with 3 hinges:
Frame width \geq 1050 mm : 4 no. hinges
Frame heigh \geq 2389 mm : 4 no. hinges
Sash weight \geq 85 kg : 4 no. hinges

# Clear opening width calculation:	Without aluminium	With aluminium
Opened 90 degrees; Frame width minus:	192 mm	196 mm
Opened 180 degrees; Frame width minus:	112 mm	112 mm

EI30
- Factory coupled not an option.
- Coupled on site is optional.
- Coupled maximum 3 meter in height, no limit in width.

TE sash

EI30
- The glass size is 3 mm smaller in width and height compared to non-fire rated products.
- See Overview Fire glass in NDocs for further information on glass size.

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Construction: NTech Passive

Applicable for product codes: TE

TE frame	Width mm	Height mm	Max W+H mm	Max weight kg
	588 - 1188	1338 - 2537	3500	
AB	688 - 1188	1338 - 2537	3500	
VLD505 - EI30 Fire - approved - marked VLD506 - EI30 Fire - not approved - unmarked	588 - 1136	1588 - 2401	3276	
VLD900 - Handle on internal side only	588 - 1188	1838 - 2537	3500	

TE sash	Width mm	Height mm	Max W+H mm	Max weight kg
	502 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	502 - 1104	1831 - 2431		

Remarks

TE frame

NorDan Security balcony door - standard pack:
 With thumbturn internally and blankplate externally (sent loose).
 Espagnolette consists of a security lock in the center, 3 tightening tonques,
 center hook bolt and sprung latch.
 Frame height \geq 1938 mm: 3 locking points on espagnolette.

Standard with 3 hinges:
 Frame width \geq 1050 mm : 4 no. hinges
 Frame height \geq 2389 mm : 4 no. hinges
 Sash weight \geq 85 kg : 4 no. hinges

# Clear opening width calculation:	Without aluminium	With aluminium
Opened 90 degrees; Frame width minus:	192 mm	196 mm
Opened 180 degrees; Frame width minus:	112 mm	112 mm

Limit values - ND NTech Villa Balcony door (security)

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Construction: Extended top and side rails, hung on hinges only

Applicable for product codes: TE

TE frame	Width mm	Height mm	Max W+H mm	Max weight kg
	588 - 1188	1338 - 2537	3500	
AB	688 - 1188	1338 - 2537	3500	
VLD319 - Center lock positioned 1000mm up from underside threshold	588 - 1188	1888 - 2488		
VLD505 - EI30 Fire - approved - marked VLD506 - EI30 Fire - not approved - unmarked	588 - 988	1588 - 2388	3476	120
VLD900 - Handle on internal side only	588 - 1188	1838 - 2537	3500	

TE sash	Width mm	Height mm	Max W+H mm	Max weight kg
	502 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	502 - 1104	1831 - 2431		
VLD891 - SBD	502 - 1104	1880 - 2479		

Remarks

TE frame

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Espagnolette consists of a security lock in the center, 3 tightening tonques, center hook bolt and sprung latch.
Frame height \geq 1938 mm: 3 locking points on espagnolette.

Standard with 3 hinges:
- Frame width \geq 1050 mm : 4 no. hinges
- Frame height \geq 2389 mm : 4 no. hinges
- Sash weight \geq 85 kg : 4 no. hinges

# Clear opening width calculation:	Without aluminium	With aluminium
Opened 90 degrees; Frame width minus:	179 mm	183 mm
Opened 180 degrees; Frame width minus:	112 mm	112 mm

EI30
- Factory coupled not an option.
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Construction: Extended side rails, hung on hinges only

Applicable for product codes: TE

TE frame	Width mm	Height mm	Max W+H mm	Max weight kg
	588 - 1188	1338 - 2537	3500	
AB	688 - 1188	1338 - 2537	3500	
VLD319 - Center lock positioned 1000mm up from underside threshold	588 - 1188	1888 - 2488		
VLD505 - EI30 Fire - approved - marked VLD506 - EI30 Fire - not approved - unmarked	588 - 988	1588 - 2388	3476	120
VLD900 - Handle on internal side only	588 - 1188	1838 - 2537	3500	

TE sash	Width mm	Height mm	Max W+H mm	Max weight kg
	502 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	502 - 1104	1831 - 2431		
VLD891 - SBD	502 - 1104	1880 - 2479		

Remarks

TE frame

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Espagnolette consists of a security lock in the center, 3 tightening tonques, center hook bolt and sprung latch.
Frame height \geq 1938 mm: 3 locking points on espagnolette.

Standard with 3 hinges:
- Frame width \geq 1050 mm : 4 no. hinges
- Frame height \geq 2389 mm : 4 no. hinges
- Sash weight \geq 85 kg : 4 no. hinges

# Clear opening width calculation:	Without aluminium	With aluminium
Opened 90 degrees; Frame width minus:	179 mm	183 mm
Opened 180 degrees; Frame width minus:	112 mm	112 mm

EI30
- Factory coupled not an option.
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