

Limit values - ND NTech Villa Double Balcony door (security)



Document ID: 000F9B(3.04)

Construction: 92/67

Date: 20 January 2026

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Applicable for product codes: TX

TX frame	Width mm	Height mm	Max W+H mm	Max weight kg
	988 - 2088	1338 - 2537	4600	
VLD319 - Center lock positioned 1000mm up from underside threshold	988 - 2088	1888 - 2488		
VLD900 - Handle on internal side only	988 - 2088	1838 - 2537	4600	

TX sash (primary)	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		

TX sash (secondary)	Width mm	Height mm	Max W+H mm	Max weight kg
	300 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	300 - 1104	1832 - 2431		
VLD891 - SBD	300 - 1104	1832 - 2479		

Remarks

- TX 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 >= 1938 mm: 3 locking points on espagnolette.

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

Clear opening width calculation (symmetrically divided):
Opened 90 degrees; Frame width/2 minus:
Opened 180 degrees; Frame width/2 minus:

Without aluminium
272 mm
112 mm

With aluminium
280 mm
112 mm

Limit values - ND NTech Villa Double Balcony door (security)



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Applicable for product codes: TX

TX frame	Width mm	Height mm	Max W+H mm	Max weight kg
	988 - 2088	1338 - 2537	4600	
VLD319 - Center lock positioned 1000mm up from underside threshold	988 - 2088	1888 - 2488		
VLD329 - Handles inside on both door leaves	988 - 2088	1655 - 2395		
VLD900 - Handle on internal side only	988 - 2088	1838 - 2537	4600	

TX sash (primary)	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		
VLD329 - Handles inside on both door leaves	501 - 1104	1598 - 2339		

TX sash (secondary)	Width mm	Height mm	Max W+H mm	Max weight kg
	350 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	350 - 1104	1831 - 2431		
VLD329 - Handles inside on both door leaves	350 - 1104	1598 - 2339		
VLD382 - Casementstay on both door leaves	400 - 1104	1598 - 2339		
VLD891 - SBD	350 - 1104	1880 - 2479		

Remarks

- TX 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 >= 1938 mm: 3 locking points on espagnolette.

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

Clear opening width calculation (symmetrically divided):
Opened 90 degrees; Frame width/2 minus:
Opened 180 degrees; Frame width/2 minus:

Without aluminium
272 mm
112 mm

With aluminium
280 mm
112 mm

Limit values - ND NTech Villa Double Balcony door (security)



Document ID: 000F9B(3.04)

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

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Applicable for product codes: TX

TX frame	Width mm	Height mm	Max W+H mm	Max weight kg
	988 - 2088	1338 - 2537	4600	
VLD319 - Center lock positioned 1000mm up from underside threshold	988 - 2088	1888 - 2488		
VLD900 - Handle on internal side only	988 - 2088	1838 - 2537	4600	

TX sash (primary)	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		

TX sash (secondary)	Width mm	Height mm	Max W+H mm	Max weight kg
	300 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	300 - 1104	1832 - 2431		
VLD891 - SBD	300 - 1104	1832 - 2479		

Remarks

- TX frame

NorDan Security balcony door - standard pack:
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Espagnolette consists of a security lock in the center, 3 tightening tonques, center hook bolt and sprung latch.
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Standard with 3 hinges:
Frame width >= 1050 mm : 4 no. hinges
Frame heigh >= 2389 mm : 4 no. hinges
Sash weight >= 85 kg : 4 no. hinges

Clear opening width calculation (symmetrically divided):
Opened 90 degrees; Frame width/2 minus:
Opened 180 degrees; Frame width/2 minus:

Without aluminium
272 mm
112 mm

With aluminium
280 mm
112 mm

Limit values - ND NTech Villa Double Balcony door (security)



Document ID: 000F9B(3.04)

Construction: Extended side rails, hung on hinges only

Date: 20 January 2026

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Applicable for product codes: TX

TX frame	Width mm	Height mm	Max W+H mm	Max weight kg
	988 - 2088	1338 - 2537	4600	
VLD319 - Center lock positioned 1000mm up from underside threshold	988 - 2088	1888 - 2488		
VLD900 - Handle on internal side only	988 - 2088	1838 - 2537	4600	

TX sash (primary)	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		

TX sash (secondary)	Width mm	Height mm	Max W+H mm	Max weight kg
	300 - 1104	1280 - 2480	3476	120
VLD319 - Center lock positioned 1000mm up from underside threshold	300 - 1104	1832 - 2431		
VLD891 - SBD	300 - 1104	1832 - 2479		

Remarks

- TX frame

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Clear opening width calculation (symmetrically divided):
Opened 90 degrees; Frame width/2 minus:
Opened 180 degrees; Frame width/2 minus:

Without aluminium
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With aluminium
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112 mm