



DoP-NDAS-D010, Revision 1

Harmonized product standard / Harmoniserad produktstandard: EN 14351-1:2006+A2:2016 - EN 16034:2014

The products declared in the table conform to the essential characteristic performance indicated. This declaration of performance is issued under the sole responsibility of the manufacturer.

Produkterna deklarerade i tabellen är i överensstämmelse med angiven prestanda. Denna prestandadeklaration utfärdas på eget ansvar av den angivna tillverkaren.

In accordance with EU directive 305/2011, we hereby declare that the following NorDan products, being manually operated windows/doors/screens for fitting vertically in domestic and commercial buildings, are produced in accordance with product standard EN 14351-1:2006+A2:2016 - EN 16034:2014, declared using system of attestation 3, in annex ZA.2 and verified by assessment and ITT.

I enlighet med EU-direktiv 305/2011, förklarar vi härmed att följande NorDan produkter, handmanövrerade dörrar/fönster/skärmar för vertikal installation i bostäder och kommersiella byggnader, är tillverkade i enlighet med produktstandard EN 14351-1:2006+A2:2016 - 16034:2014, deklarerar enligt system för bestyrkande 3 i bilaga ZA.2, och kontrollerad av evaluering och ITT.

**Produced by / Tillverkad av**

- NorDan AS, Stasjonsveien 46, 4460 Moi Norway
- NorDan AS, Skansen 30, 2670 Otta Norway
- NorDan AS, Tengsareidveien 1, 4373 Egersund Norway
- NorDan AB, Fröreda 228, 574 55 Kvillsfors Sweden
- NorDan AB, Kvadervägen 1, 331 73 Bor Sweden
- NorDan AB, Grebbestadsvägen 8, 457 91 Tanumshede Sweden
- NorDan Sp. z o.o., Fabryczna 16, 64-200 Wolsztyn Poland
- NorDan Sp. z o.o., Powodowo 54, 64-200 Wolsztyn Poland
- NorDan UAB, Montuotoju g. 6 Mazeikiai 89101 Lithuania

**Assessed in accordance with 7.5 by following Notified bodies / Kontrollerad enligt 7.5 av följande provningsorgan**

- RISE Research Institute of Sweden (NB 0402)
- British Board of Agrément United Kingdom (NB 0836)
- SINTEF Building and Infrastructure Norway (NB 1071)
- Bluesky Certification United Kingdom (NB 2731)
- DTI Danish Technological institute Denmark (NB 1235)
- GRYFITLAB SP z o.o. (NB 2253)

Signed on behalf of NorDan AS / Signerad och på uppdrag av NorDan AS

Raymond Bakken  
Product Developer Manager  
Moi 2020 - 11 - 11

# Declaration of performance - ND NTech Villa Balcony door (security)



**Note:** Properties declared PF (Product Family) means the product is declared according to EN 14351-1:2006+A2:2016 paragraph 7.2.3.1 appendix F, tabel F.1. The adjacent letter after PF- refers to the column representing the declared properties.

**Notera:** Egenskaper deklarerade PF (Produktfamilj) betyder att produkten deklarerar enligt EN 14351-1:2006+A2:2016 punkt 7.2.3.1 bilaga F, tabell F.1. Bokstaven efter PF- hänvisar till kolumnen som representerar de deklarerade egenskaperna.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
EN 14351-1:2006+A2:2016 Ref. No. 5, Table 1	EN 14351-1:2006+A2:2016	Product	Balcony door (security)			Balcony door (security)			Fixed door			Fixed sidelight door			Double Balcony door (security)			Double Balcony door (security)			
		Produkt	Säkerhetsdörr			Säkerhetsdörr			Fast dörr			Fast sidoljus för säkerhetsdörr			Pardörr (säkerhet)			Pardörr (säkerhet)			
		Product Code / Produktkod	TE/BE			1I			TI/BI			TU/BU			TX/BX			2I			
		Opens / Öppnas	Outward / Utadgående			Inward / Inåtgående			Fixed / Fast			Outward / Utadgående			Outward / Utadgående			Inward / Inåtgående			
		Frame / Karm	92	105	105 Passiv	92	105	105 Passiv	92	105	105 Passiv	92	105	105 Passiv	92	105	105 Passiv	92	105	105 Passiv	
1 + 2	4.2	<b>Resistance to Windload / Motstånd mot vindlast</b>	PF-E	(3C) 1200 Pa	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		Test and Classification / Test och classification	PF-E	EN 12211:2016 EN 12210:2016	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Notified Body / ackrediterat organ	PF-E	0402	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Test Report / Testrapport	PF-E	8P05544-2 Aug. 2018	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	8P05544-1 Aug. 2018	PF-Q	9P02093-2 Mar. 2019	N/A	N/A	9P02093-1 Mar. 2019	N/A
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	PF-E	1088x2388mm	PF-E	N/A	988x2488mm	N/A	PF-E	PF-E	PF-E	PF-E	788x2388mm	N/A	PF-Q	2088x2388mm	N/A	N/A	1888x2488mm	N/A	
4	4.4	<b>Reaction to fire / Brandreaktion</b>	PF-E	F	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		Test and Classification / Test och classification	PF-E	EN13501-1	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Notified Body / ackrediterat organ	PF-E	0402	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Test Report / Testrapport	PF-E	SC0472-1 Jun. 2020	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Report Size (Frame WxH) / Rapport storlek (Karm BxH)	PF-E	1088x2388mm	PF-E	N/A	988x2488mm	N/A	PF-E	PF-E	PF-E	PF-E	788x2388mm	N/A	PF-Q	2088x2388mm	N/A	N/A	1888x2488mm	N/A	
5	4.5	<b>Watertightness (A) / Vattentätthet (A)</b>	PF-E	(9A) 600 Pa	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		Test and Classification / Test och classification	PF-E	EN 1027:2016 EN 12208:2000	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Notified Body / ackrediterat organ	PF-E	0402	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Test Report / Testrapport	PF-E	8P05544-2 Aug. 2018	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	8P05544-1 Aug. 2018	PF-Q	9P02093-1 Mar. 2019	N/A	N/A	9P02093-2 Mar. 2019	N/A
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	PF-E	1088x2388mm	PF-E	N/A	988x2488mm	N/A	PF-E	PF-E	PF-E	PF-E	788x2388mm	N/A	PF-Q	2088x2388mm	N/A	N/A	1888x2488mm	N/A	
7	4.6	<b>Dangerous Substances / Farliga ämnen</b>	PF-E	None	PF-E	N/A	None	N/A	PF-E	None	PF-E	PF-E	None	N/A	PF-E	None	N/A	N/A	None	N/A	
		Load-bearing capacity of safety device / Säkerhetsanordning	PF-E	Satisfies / Bestått 350 N/60s	PF-E	N/A	npd	N/A	N/A	N/A	N/A	N/A	N/A	PF-E	N/A	PF-E	PF-E	N/A	N/A	npd	N/A
		Test and Classification / Test och classification	PF-E	EN 14609:2004 EN 14351-1:2006+A2:2016	PF-E	N/A	PF-E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PF-E	PF-E	N/A	N/A	npd	N/A
		Notified Body / ackrediterat organ	PF-E	0402	PF-E	N/A	npd	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PF-E	PF-E	N/A	N/A	npd	N/A
		Test Report / Testrapport	PF-E	8P05544-2 Aug. 2018	PF-E	N/A	npd	N/A	N/A	N/A	N/A	N/A	N/A	PF-E	PF-E	N/A	N/A	npd	N/A		
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	PF-E	1088x2388mm	PF-E	N/A	npd	N/A	N/A	N/A	N/A	N/A	N/A	PF-E	PF-E	N/A	N/A	npd	N/A		
10	4.11	<b>Acoustics / Ljuddämpning</b>	N/A	Rw(C,Ctr)=38 (-2; -8) dB Optional	PF-E	N/A	N/A	N/A	npd	PF-E	PF-E	npd	npd	N/A	npd	npd	N/A	N/A	npd	N/A	
		Note: Glas tested / Glas testad	N/A	IGU (6,38E5+16G+4+16G+ES6,38)	PF-E	N/A	PF-E	N/A	npd	PF-E	PF-E	npd	npd	N/A	npd	npd	N/A	N/A	npd	N/A	
		Test and Classification / Test och classification	N/A	EN ISO 10140-2:2011 EN ISO 717-1:2013	PF-E	N/A	PF-E	N/A	npd	PF-E	PF-E	npd	npd	N/A	npd	npd	N/A	N/A	npd	N/A	
		Notified Body / ackrediterat organ	N/A	2253	PF-E	N/A	N/A	N/A	npd	PF-E	PF-E	npd	npd	N/A	npd	npd	N/A	N/A	npd	N/A	
		Test Report / Testrapport	N/A	GLA-1305.18/17 Mar. 2017	PF-E	N/A	N/A	N/A	npd	PF-E	PF-E	npd	npd	N/A	npd	npd	N/A	N/A	npd	N/A	
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	N/A	988x2088mm	PF-E	N/A	N/A	N/A	npd	PF-E	PF-E	npd	npd	N/A	npd	npd	N/A	N/A	npd	N/A	
11	4.12	<b>Thermal transmittance / Värmeisolerings Uwin</b>	1,2 (W/m2K)	0,87* (W/m2K)	0,80* (W/m2K)	N/A	0,88* (W/m2K)	N/A	PF-D	PF-E	PF-F	PF-D	0,85* (W/m2K)	N/A	1,3 (W/m2K)	0,95* (W/m2K)	N/A	N/A	0,96* (W/m2K)	N/A	
		Note	(4.12) Thermal transmittance and (4.13) Radiation properties of a specific product is available from a quotation or order confirmaiton in accordance with EN 14351-1:2006+A2:2016, Table E.1, Note c.																		
		Notera	(4.12) Värmeisolerings och (4.13) Strålningsegenskaper för en specifik produkt, är tillgängligt från en offert eller orderbekräftelse i enlighet med EN 14351-1:2006+A2:2016, Table E.1, Note c.																		
		Test and Classification / Test och classification	PF-E	EN ISO 10077-1:2006/AC:2009 EN ISO 10077-2:2012/AC:2012 Program "Therm" EN 673	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Notified Body / ackrediterat organ	PF-E	1071	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		General quality control / Allmän kvalitetskontroll	PF-E	102010505 Dec. 2016	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		Reference size (Frame WxH) / Referens storlek (Karm BxH)	PF-E	1230x2180mm	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	900x2100mm	N/A	PF-Q	1488x2088mm	N/A	N/A	PF-Q	N/A	
		Calculation examples w/IGU / Beräkningsexempel m/IGU																			
		a) (4+16G+ES4) minimum panel height / Bröstningshöjd	a) 1,2 (W/m2K)	a) 1,2 (W/m2K)	a) N/A	N/A	a) 1,2(W/m2K)	N/A	PF-D	PF-E	PF-F	PF-D	a) 1,2(W/m2K)	N/A	a) 1,3 (W/m2K)	a) 1,3 (W/m2K)	N/A	N/A	a) 1,3 (W/m2K)	N/A	
		*b) (4LE+16G+4+16G+LE4) minimum panel height / Bröstningshöjd	b) N/A	b) 0,87(W/m2K)	b) 0,80(W/m2K)	N/A	b) 0,88(W/m2K)	N/A	PF-E	PF-E	PF-F	PF-E	b) 0,85(W/m2K)	N/A	b) N/A	b) 0,95(W/m2K)	N/A	N/A	b) 0,96(W/m2K)	N/A	
		**c) (4ES+16G+4+16G+ES4) minimum panel height / Bröstningshöjd	c) N/A	c) 0,84(W/m2K)	c) 0,77(W/m2K)	N/A	c) 0,84(W/m2K)	N/A	PF-E	PF-E	PF-F	PF-E	c) 0,81(W/m2K)	N/A	c) N/A	c) 0,92(W/m2K)	N/A	N/A	c) 0,93(W/m2K)	N/A	
12+13	4.13	<b>Radiation properties / Strålningsegenskaper</b>	0,75 Lt / 0,53 g	0,74* Lt / 0,54* g	0,74* Lt / 0,54* g	N/A	PF-E	N/A	PF-D	PF-E	PF-F	PF-D	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		Test and Classification / Test och classification	PF-E	EN 410:2011	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Calculation examples w/IGU / Beräkningsexempel m/IGU																			
		a) (4+16G+ES4)	a) 0,75Lt/0,53g	a) 0,75 Lt / 0,53 g	a) N/A	N/A	PF-E	N/A	PF-D	PF-E	PF-F	PF-D	PF-E	PF-E	N/A	PF-D	PF-E	N/A	N/A	PF-E	N/A
		*b) (4LE+16G+4+16G+LE4)	b) N/A	b) 0,74 Lt / 0,54 g	b) 0,74Lt/0,54g	N/A	b) 0,74Lt/0,54g	N/A	PF-E	PF-E	PF-F	PF-E	b) 0,74Lt/0,54g	N/A	b) N/A	b) 0,74Lt/0,54g	N/A	N/A	b) 0,74Lt/0,54g	N/A	
		**c) (4ES+16G+4+16G+ES4)	c) N/A	c) 0,64 Lt / 0,39 g	c) 0,64Lt/0,39g	N/A	c) 0,64Lt/0,39g	N/A	PF-E	PF-E	PF-F	PF-E	c) 0,64Lt/0,39g	N/A	c) N/A	c) 0,64Lt/0,39g	N/A	N/A	c) 0,64Lt/0,39g	N/A	
14	4.14	<b>Air permability / Lufttäthet</b>	PF-E	(4) 600 Pa	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A	
		Test and Classification / Test och classification	PF-E	EN 1026:2016 EN 12207:2000	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Notified Body / ackrediterat organ	PF-E	0402	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	N/A	PF-E	PF-E	N/A	N/A	PF-E	N/A
		Test Report / Testrapport	PF-E	8P05544-2 Aug. 2018	PF-E	N/A	PF-E	N/A	PF-E	PF-E	PF-E	PF-E	PF-E	PF-E	8P05544-1 Aug. 2018	PF-Q	9P02093-1 Mar. 2019	N/A	N/A	9P02093-2 Mar. 2019	N/A
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	PF-E	1088x2388mm	PF-E	N/A	988x2488mm	N/A	PF-E	PF-E	PF-E	PF-E	788x2388mm	N/A	PF-Q	2088x2388mm	N/A	N/A	1888x2488mm	N/A	
23	4.23	<b>Burglar resistance / Inbrottsmotstånd</b>	N/A	RC2 / RC2N Optional	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		Test and Classification / Test och classification	N/A	EN 1628:2011+A1:2016; EN 1629:2011+A1:2016 EN 1630:2011+A1:2016; EN 1627:2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Notified Body / ackrediterat organ	N/A	0402	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Test Report / Testrapport	N/A	9P09225 Des. 2019	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	N/A	988x2188mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Windows and Doors containing electrical and electronic equipment are in conformity with RoHS (Directive 2011/65/EU of the European Parliament on the restriction of the use of certain hazardous substances in electrical and electronic equipment) as amended by Directive 2015/863.

Fönster och dörrar som innehåller elektrisk och elektronisk utrustning överensstämmer med RoHS (Direktiv 2011/65/EU av Europaparlamentet om begränsning i användandet av vissa farliga ämnen i elektrisk och elektronisk utrustning) med korrigering av Direktiv 2015/863.