



Declaration of Performance – ND NTech One



Ytelseserkløring – ND NTech One



Prestandadeklaration – ND NTech One

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Applicable for product codes:

ZD, ZS, ZB, ZA, Z2, ZG, ZF, OD, OS, OB., OA, O2, OG, OF

DoP-NDAS-W020, Revision 2**Harmonized product standard / Harmoniserad produktstandard: EN 14351-1:2006+A2:2016**

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/EU, 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, declared using system of attestation 3, in annex ZA.2 and verified by assessment and ITT.

I enlighet med EU-direktiv 305/2011/EEG, 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, deklarerats enligt systemet 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, Nyboholm 570 16 Kvillsfors Sweden
- NorDan AB, Kvadervägen 1 331 73 Bor Sweden
- NorDan AB, Grebbestad 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), Certificate P-mark SC0472-11
- British Board of Agrément United Kingdom (NB 0836), Certificate BBA 07/4446
- SINTEF Building and Infrastructure Norway (NB 1071), Certificate NDVK (013)
- BlueSky Certification United Kingdom (NB 2731)
- DTI Danish Technological institute Denmark (NB1235)

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

Raymond Bakken
Product Development Manager
Moi 2020 - 11 - 13



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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	V	W	X	
		Product / Produkt	Tilt and Turn / Kipp-Dreh		Sidehinged / Sidohängt		Bottomhinged / Bottenhängt		Fixed sash / Fast bäge		Double Parlfönster		Multisash / Flerlufts-fönster		Fixed frame w/sash / Fast karm w/bäge									
		Product Code / Produktkod	ZD, OD		ZS, OS		ZB, OB		ZA, OA		Z2, O2		ZG, OG		ZF, OF									
		Opens / Öppnas	Inward / Inåtgående		Inward / Inåtgående		Inward / Inåtgående		Fixed sash / Fast bäge		Inward / Inåtgående		Inward / Inåtgående		Fixed/Inward /									
		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	92	105	105 Passiv	
1 + 2	4.2	Resistance to Windload / Motstånd mot vindlast	N/A	(3C) 1200 Pa	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	(3C) 1200 Pa	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test and Classification / Test och classification	N/A	EN 12211:2016 EN 12210:2016	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN 12211:2016 EN 12210:2016	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Notified Body / ackrediterat organ	N/A	0402	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	0402	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test Report / Testrapport	N/A	7P02675-1 Apr. 2017	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	2P02171-1 Mar. 2020	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
4	4.4	Reaction to fire / Brandreaktion	N/A	F	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	F	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test and Classification / Test och classification	N/A	EN13501-1	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN13501-1	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Notified Body / ackrediterat organ	N/A	0402	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	0402	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test Report / Testrapport	N/A	SC0546-09 Jun. 2020	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	SC0546-09 Jun. 2020	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
5	4.5	Maximum size (Frame WxH) / Maximal storlek (Karm BxH)	N/A	1483x2488 mm	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	1988x2488 mm	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Watertightness (A) / Vattentätthet (A)	N/A	(9A) 600 Pa	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	(9A) 600 Pa	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test and Classification / Test och classification	N/A	EN 1027:2016 EN 12208:2000	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN 1027:2016 EN 12208:2000	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Notified Body / ackrediterat organ	N/A	0402	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	0402	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
7	4.6	Dangerous Substances / Farliga ämnen	N/A	None	None	N/A	None	None	N/A	None	None	N/A	None	None	N/A	None	None	N/A	None	None	N/A	None	None	
		Load-bearing capacity of safety device / Säkerhetsanordning	N/A	Satisfies / Bestått 350 N/60s	PF-E	N/A	N/A	N/A	N/A	PF-E	PF-E	N/A	PF-E	N/A	N/A	Satisfies / Bestått 350 N/60s	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test and Classification / Test och classification	N/A	EN 14609:2004 EN 14351-1:2006+A2:2016	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN 14609:2004 EN 14351-1:2006+A2:2016	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Notified Body / ackrediterat organ	N/A	0402	PF-E	N/A	N/A	N/A	N/A	PF-E	PF-E	N/A	PF-E	N/A	N/A	0402	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
10	4.11	Test Report / Testrapport	N/A	7P02675-1 Apr. 2017	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	8P00281-1 Jan. 2018	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	N/A	1483x2488 mm	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	1988x2488 mm	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Acoustics / Ljuddämpning	N/A	Rw(C,Ctr)=38 (-2; -6) dB Optional	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	NPD	NPD	N/A	NPD	NPD	N/A	NPD	NPD	
		Note: Glas tested / Glas testad	N/A	IGU (6ES+16G+4+20G+ES4) w/double gasket / m/dubbel tätlist	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	NPD	NPD	N/A	NPD	NPD	N/A	NPD	NPD	
11	4.12	Test and Classification / Test och classification	N/A	EN ISO 10077-1:2006/AC:2009 EN ISO 10077-2:2012/AC:2012 Program "Therm" EN 673	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN ISO 10077-1:2006/AC:2009 EN ISO 10077-2:2012/AC:2012 Program "Therm" EN 673	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Notified Body / ackrediterat organ	N/A	1071	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	1071	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		General quality control / Allmän kvalitetskontroll	N/A	10201050 Dec. 2016	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	10201050 Dec. 2016	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Size tested (Frame WxH) / Teststorlek (Karm BxH)	N/A	1230x1480 mm	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	1230x1480 mm	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
12+13	4.13	Radiation properties / Strålningsegenskaper	N/A	0,75** Lt / 0,53** g	0,74* Lt / 0,54* g	N/A	PF-E	PF-F	N/A	PF-E	PF-F	N/A	PF-E	PF-F	N/A	0,75** Lt / 0,53** g	0,74* Lt / 0,54* g	N/A	PF-Q	PF-R	N/A	PF-Q	PF-R	
		Test and Classification / Test och classification	N/A	EN 410:2011	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN 410:2011	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Calculation examples w/IGU / Beräkningsexempel m/IGU	N/A	**a) (4+16G+ES4) **b) (4LE+16G+4+16G+LE4) **c) (4ES+16G+4+16G+ES4)	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	a) 0,75 Lt / 0,53 g b) 0,74 Lt / 0,54 g c) 0,64 Lt / 0,39 g	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Calculation examples w/IGU / Beräkningsexempel m/IGU	N/A	a) 1,2 (W/m2K) b) 0,84(W/m2K) c) 0,81(W/m2K)	b) 0,78(W/m2K) c) 0,74(W/m2K)	N/A	PF-E	PF-F	N/A	PF-E	PF-F	N/A	PF-E	PF-F	N/A	a) 1,2 (W/m2K) b) 0,84(W/m2K) c) 0,81(W/m2K)	b) 0,88(W/m2K) c) 0,85(W/m2K)	N/A	PF-Q	PF-R	N/A	PF-Q	PF-R	
14	4.14	Air permeability / Lufttäthet	N/A	(4) 600 Pa	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	(4) 600 Pa	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test and Classification / Test och classification	N/A	EN 1026:2016 EN 12207:2000	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	EN 1026:2016 EN 12207:2017	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Notified Body / ackrediterat organ	N/A	0402	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	0402	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Test Report / Testrapport	N/A	7P02675-1 Apr. 2017	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	2P02171-1 Mar. 2020	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
23	4.23	Size tested (Frame WxH) / Teststorlek (Karm BxH)	N/A	1483x2488 mm	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	PF-E	PF-E	N/A	1988x2488 mm	PF-Q	N/A	PF-Q	PF-Q	N/A	PF-Q	PF-Q	
		Burglar resistance / Inbrottsmotstånd	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	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	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	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/EU. 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/EU.