

**DECLARATION OF PERFORMANCE:
DoP-VWUAB-VWWI-003**

Rev 4: 01/07/2020



EN 14351-
1:2006+A1:2010

NorDan UAB
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Lithuania
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In accordance CPR (Construction Products Regulation) 305/2011, we hereby declare that the following NorDan products as shown in Table 1, being manually operated windows / doors for fitting vertically in domestic and commercial buildings and produced by:

- NorDan AS Stasjonsvein 46 N-4460 Moi. Norway
- NorDan AS Skansen, N-2670 Otta. Norway
- NorDan AS Tengsareidveien 1,N-4373 Egersund. Norway
- NorDan AB Kvadervägen 1 SE-330 15 Bor. Sweden
- NorDan AB Nyboholm SE-570 16 Kvillefors. Sweden
- NorDan AB Grebbestadsvägen 8, SE-457 91 Tanumshede. Sweden
- NorDan SP.zo.o, UL. Fabryczna 16, 64-200 Wolsztyn, Poland
- NorDan UAB, Montuotoju 6, LT-89101 Mazeikiai, Lithuania

-are in accordance with product standard EN 14351-1:2006+A1:2010, declared using system of attestation 3 in annex ZA.2 of EN 14351-1:2006+A1:2010 and verified by assessment and ITT by the following notified bodies:

- RISE Research Institutes of Sweden (nr 0402)
- British Board of Agreement (Nr. 0836)
- SINTEF Building and Infrastructure (Nr. 1071)
- KTU Institute of Architecture and Construction (nr 2018)
- Institut für Fenstertechnik e. V., Rosenheim (nr 075)

Table 1: uPVC E-Passive profile system windows / balcony doors

Characteristics / Product codes	Tilt before turn window	Kipp window	Fixed frame window	Combination window	Tilt before turn balcony door	Tilt and turn double sash door
	TBT-EP	KIP-EP	FIX-EP	CMB-EP	BLC-EP	BLC2-EP
Resistance to wind load, class (EN 12210:1999)	C5	C5	C5	C4/B4	C4/B4	C2/B3
Water tightness (EN 12208:1999)	E1200	E1200	E1200	9A	9A	9A
Thermal transmittance U_w (EN ISO10077-1:2006) & EN ISO 10077-2:2012) (W/m ² K) *	* 0,72	* 0,72	* 0,72	* 0,81	* 0,74	* 0,74
Solar energy transmission g % (EN 410:2011) *	* 53	* 53	* 53	* 53	* 53	* 53
Light transmission T_v % (EN 410:2011) *	* 74	* 74	* 74	* 74	* 74	* 74
Air permeability (EN 12207:1999)	4	4	4	4	4	4
Acoustic performance (EN ISO 140-3:1995) $R_w(C;Ctr)$ dB	* 36 (-2;-7) * ^a 37 (-1;-5) * ^b 43 (-1;-6) * ^c 47 (-2;-4)	* 36 (-2;-7) * ^a 37 (-1;-5) * ^b 43 (-1;-6) * ^c 47 (-2;-4)	* 36 (-2;-7) * ^a 37 (-1;-5) * ^b 43 (-1;-6) * ^c 47 (-2;-4)	npd	npd	npd
Test result for the product	1230x1480	1230x1480	1230x1480	1500x2300	1000x2300	1900x2200

* Valid for TG*3 product with a glass unit 4LowE-18W-4-20W-4LowE (glass 4mm clear, warm edge spacer Chromatech ultra, glass 4mm coated in selective coating „Clima Guard Premium2“, inside filled with argon gas 90%), which has U_g value of 0,5 (W/m²K).

*^a Valid for TG*3 product with triple safety laminated glass unit 33.1LowE-18W-4-16W-33.1LowE

*^b Valid for TG*3 product with triple sound reduction glass unit 44.1SR-14W-4-18W-6

*^c Valid for TG*3 product with triple sound reduction glass unit 55.1SR-12W-6-12W-44.1SR

npd – no performance determined

-and that the products shown in table 1 conform to the essential characteristic performance indicated. This declaration of performance is issued under sole responsibility of the manufacturer.

On behalf of manufacturer signed by:

Dainius Kubilas
Chief Product Officer
LTU Mazeikiai 02/07/2020