

**DECLARATION OF PERFORMANCE:
DoP-VWUAB-VWWI-002**

Rev 4: 01/07/2020

EN 14351-
1:2006+A1:2010NorDan UAB
Montuotoju 6
LT 89101 Mazeikiai
Lithuania
info@nordan.lt

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 Arcade 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-EL	KIP-EL	FIX-EL	CMB-EL	BLC-EL	BLC2-EL
Resistance to wind load, class (EN 12210:1999)	C4	C4	C4	C3/B3	B4/C4	B3/C2
Water tightness (EN 12208:1999)	9A	9A	9A	9A	9A	9A
Thermal transmittance U_w (EN ISO10077-1:2006) & EN ISO 10077-2:2012) (W/m ² K) *	* 1,2 *a 0,89	* 1,2 *a 0,89	* 1,2 *a 0,89	* 1,2 *a 0,95	* 1,2 *a 0,93	* 1,2 *a 0,92
Solar energy transmission g % (EN 410:2011) *	* 64 *a 53	* 64 *a 53	* 64 *a 53	* 64 *a 53	* 64 *a 53	* 64 *a 53
Light transmission T_v % (EN 410:2011) *	* 82 *a 74	* 82 *a 74	* 82 *a 74	* 82 *a 74	* 82 *a 74	* 82 *a 74
Air permeability (EN 12207:1999)	4	4	4	4	4	4
Acoustic performance (EN ISO 140-3:1995) $R_w(C;Ctr)$ dB	* 34 (-2;-5) *a 36 (-2;-6) *b 43 (-2;-5)	* 34 (-2;-5) *a 36 (-2;-6) *b 43 (-2;-5)	* 34 (-2;-5) *a 36 (-2;-6) *b 43 (-2;-5)	npd	npd	npd
Test result for the product	1230x1480	1230x1480	1230x1480	1488x2300	1000x2200	1900x2200

* Valid for DG*2 product with a glass unit 4-16W-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 1,1 (W/m²K).

*a Valid for TG*3 product with triple glass unit 4LowE-14W-4-14W-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 0,6 (W/m²K).

*b Valid for TG*3 product with triple sound reduction glass unit 44.1SR-10W-4-12W-6

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