

## Declaration of performance: DoP-NDAS-011-EN

In accordance with EU directive 305/2011/EU, 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. N-2266 Arneberg. Norway
- NorDan AS Tengsareidveien 1,N-4373 Egersund. Norway
- NorDan AB Box 44, SE-330 15 Bor. Sweden.
- NorDan AB Nyboholm SE-570 16 Kvillefors. Sweden.
- NorDan AB Grebbestadvägen 8, SE-457 91 Tanumshede. Sweden
- NorDan SP.zo.o, UL. Fabryczna 16, 64-200 Wolsztyn, Poland

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

- SP Sveriges Tekniska Forskningsinstitut AB (nr 0402)
- British Board of Agrément (nr 0836)
- SINTEF Building and Infrastructure (nr 1071)

Table 1: NTech Fixed windows, Fixed sash windows and Fixed with outward opening sash windows.

Characteristic	TL	TJ	TM	TZ
Resistance to wind load Test pressure (EN 12210)	Class 3	Class 3	Class 3	Class 3
Resistance to wind load Frame deflection (EN 12210)	Class C	Class C	Class C	Class C
Watertightness (EN 12208)	Class 9A	Class 9A	Class 9A	Class 9A
Load-bearing capacity of safety devices	npd	npd	Threshold	npd
Thermal transmittance (EN ISO 10077-1 & EN ISO 10077-2) (W/m <sup>2</sup> K) *	1,2	1,2	1,3	1,2
Solar energy transmission (EN 410)*	48 %	48 %	48 %	48 %
Light transmission (EN 410)*	70 %	70 %	70 %	70 %
Air permeability (EN 12207)	Class 4	Class 4	Class 4	Class 4
*Based on reference size 1230x1480 with 6+16G+ES4 glass.				

-and 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.

For NorDan AS:



Ross Leishman.  
 Product Technical Manager  
 Moi 08/05/2013.