

DECLARATION OF PERFORMANCE: DoP-VWUAB-AL-017-EN

NorDan 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 covered by EN 14351-1 and are in accordance with product standard EN 16034:2014, declared using system of attestation 1 in annex ZA, 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)

Table 1: HeiAlu Sapa 2086 EI230 Fire rated single sash Entrance door (with or without side and transom panels)

Characteristic	AED-2086-EI30 SX	AED-2086-EI30 SX Plus
Resistance to wind load Test pressure (EN 12210:1999)	npd	2
Resistance to wind load Frame deflection (EN 12210:1999)	npd	C
Water tightness (EN 12208:1999)	npd	4A
Air permeability (EN 12207:1999)	npd	2
Thermal transmittance U_w (EN ISO10077-1:2006) & EN ISO 10077-2:2012) (W/m^2K) *	1.13	1.13
Height (mm)	Door leaf \leq 2928	Door leaf \leq 2500
Width (mm)	Door leaf \leq 1694	Door leaf \leq 1350
Fire resistance (EN 15269-5:2014 +A1:2016)	EI230	EI230
Smoke leakage (EN 15269-5:2014 +A1:2016)	S _a / S ₂₀₀	npd
Self-closing (only for self-closing fire resistant and/or smoke control door sets)	C	C
Durability of self-closing against degradation (cycle testing)	5	5

* Based on reference size 1230 x 2180 mm, glazed with glass unit 33.2 LowE-10-4T LowE-10-EI30 (18mm Pyrobel 17N), $U_g=0.8 W/m^2K$
 npd – no property 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 20/12/2019

