

DECLARATION OF PERFORMANCE: DoP-VWUAB-AL-018-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: HelAlu Sapa 2086 EI230 Fire rated double sash Entrance door (with or without side and transom panels)

Characteristic	AED-2-2086-EI30 SX	AED-2-2086-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) *	1.10	1.10
Height (mm)	Door leaf \leq 2928	Door leaf \leq 2500
Width (mm)	Active door leaf width \leq 1620 Inactive door leaf width \leq 1352	Active door leaf width \leq 1350 Inactive door leaf width \leq 1350
Fire resistance (EN 15269-5:2014 +A1:2016)	EI230	EI230
Smoke leakage class (EN 15269-5:2014 +A1:2016)	Sa / S200	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 2343 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

