

Building product Declaration - NTech Patio door, 2P

Market:

**NorDan**

Document ID: 000D98(2.00)

Date: 1 March 2024

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Material: Timber + aluminium

Glass: Triple glazed

Applicable for product codes:

2P

1. Company information

NorDan Spolka Z o.o

Powodowo 54

54-200 Wolsztyn - Poland

Organization number: NIP: 9231548435, REGION: 016229807

Contact person:

Linda Jonsson

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Telephone number:

+46 (0) 10-130 01 75

ISO certifications:

ISO 9001

ISO 14001

2. Product data

Trade name: NorDan NTech Patio door - 2P 164/80

Declared size: 3000x2180 mm

Product classification: BK04

Product Group ID: 04111

Description of goods: NorDan NTech Patio door - 2P 164/80 in size 3000x2180 mm triple glazed with aluminium cladding is covered in this BPD

Declaration of Performance: DoP-ND-100-1

Estimated technical lifetime: 60 years

Standard glass unit: 4E#+16G+4+16G+#E4

URL* to public product documentation:

https://portal.nordan.no/ndocs/search?category=document_EPD

Product Code: 2P

* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 256,78 kg

Date for the declaration:

2024-01-22

Material content is declared to: 100%

The content is checked against the candidate list, edition:

2024-01-23

Does the product contain nanomaterials?

No nanomaterials have been deliberately added to achieve a particular function

For composite articles, the declaration has been made at component level and the starting point is that the reported substances are given at the highest specified content.

The product consists of the following parts/components and its specified chemical composition upon delivery.

Material or chemical product	Weight-% of the component in the product	Weight-% of the component	Substance name / Chemical specification	CAS-number	Weight-% of the substance in the product	Weight-% of the substance in the component	Hazard Code(s)	Candidate List (SVHC) Annex XIV and XVII to REACH	Endocrine disrupting	Chemsec SIN-list	Svenska PRIO-listan	Den norske prioritetslista
Total	100%											
1. Frame	8,65%											
2. Fixed & Sliding Sash	14,71%											
3. IGU - Insulated glass units	64,92%											
4. Aluminium profiles	8,78%											
5. Plastic parts	0,12%											
6. Seals, rubber & TPU parts	0,48%											
7. Metal parts	2,33%											
1. Frame	8,65%	100,0%										
Wood material frame	7,64%	88,32%										
Frame top	2,54%	29,40%	Untreated pine, finger jointed		2,54%	29,40%						
Frame side	5,10%	58,92%	Untreated pine, finger jointed		5,10%	58,92%						
Threshold	0,70%	8,05%										
Threshold	0,70%	8,05%	American red oak		0,70%	8,05%						
Wood treatment & Coating	0,23%	2,61%										
Wood preservative	0,003%	0,04%	Propiokonazol	60207-90-1	0,000%	0,001%			✓	✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>												

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4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,70%	Wood	22,50%
Glass	28,00%	17,48%		

Grade of certified wood:

70-100%

Certificate

Certification system:

PEFC

Comment:

The percentage above refers to the certified percentage of the wood raw material included in the production.

Country of origin wood raw material

Estonia/ Poland/ Finland

5. Environmental impact

Is there an Environmental Product Declaration (EPD) produced according to EN15804 or ISO14025 for the product? Yes

ID number for EPD: NEPD-5600-4902

EPD, declared size: 3000x2180

EPD-Name: NorDan NTech Patio door - 2P 164/80 (With Aluminium Cladding)

GWP Functional unit*				GWP/kg
A1-A3 GWP _{total} (kg CO ₂ e)	A1-A3 GWP _{fossil} (kg CO ₂ e)	A1-A3 GWP _{biogenic} (kg CO ₂ e)	A1-A3 GWP _{luluc} (kg CO ₂ e)	A1-A3 GWP _(total-biogenic) / kg **
550,1	652,5	-102,9	0,51	2,46

* For project-specific values contact NorDan

** GWP value without the influence of biogenic carbon

6. Distribution

Is the producer connected to a producer responsibility scheme for packaging? Yes
What system? FTI system

Packaging is sorted according to below

Cardboard	EWC	150101
Plastic packaging	EWC	150102
Wood packaging	EWC	150103

7 & 8. Construction and use phase

Does the product have special requirements for storage? See product owner's manual
Does the product place special demands on surrounding building materials? See product owner's manual

Does the product require input goods for operation and maintenance? See product owner's manual

9. Demolition

Is the item prepared for dismantling? Yes
Can the product be separated into pure materials for recycling? Yes, see product owner's manual
Does the product require special measures for the protection of health and the environment during demolition/dismantling? No

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10. Waste management

Is reuse possible for all or part of the product? Yes, during the warranty period the product can be reused. After the warranty period, reuse is possible after assessment.

Is recycling possible? Yes

Rate of material recycling: 73,55%

Material	Weight % of whole item	Waste code
Aluminium	8,78%	EWC 170402
Metal	2,33%	EWC 170407
Glass	62,43%	EWC 200102

Is energy recovery possible? Yes

Energy recovery rate 26,45%

Material	Weight % of whole item	Waste code
Wood with sealant	23,36%	EWC 170201
Plastic/rubber	3,09%	EWC 170203

Waste code when the delivered goods become waste: 17 - Construction and demolition waste

When the delivered goods become waste, is it classified as hazardous waste? No

11. Indoor environment

Danish Indoor Climate Labelling - Certificate no. 174
ND NTech - EMISSION CLASS 1

Emission measured after 28 days:

TVOC₂₈ 0,28 mg/m³
Formaldehyde₂₈ <0,005 mg/m³

12. Building certification systems

BREEAM[®] NOR

Version	Material	Compliance	Notes
v6.1 v6.0	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
2016v1.2 v6.1 v6.0	Mat02	Yes	The product contains no substances on the REACH Candidate list or the Norwegian priority list at or above 0,1 % by weight. Control has been made against REACH annexes XIV and XVII.
2016v1.2 v6.1 v6.0 2016v1.2	Mat03	Yes	All wood used in the product consists of wood that is legally harvested and meets at least the requirements of the EUTR (EU Timber Regulation)

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Version	Material	Compliance	Notes
v6.0 2017v1.1	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
v6.0 2017v1.1	Mat03	Yes	All wood used in the product consists of wood that is legally harvested and meets at least the requirements of the EUTR (EU Timber Regulation)
v6.0 2017v1.1	Mat07	Yes	The product does not contain phase-out or risk reduction substances (according to KEMI's definition and EDS Cat1/ Cat2) above classification limits.
2013v2.0	Mat08	Yes	Product does not contain phase-out substances (according to KEMI's definition) above classification limits



Score	Indicator	Result	Notes
3.0 / 3.1 / 3.2	Ind 13	Gold	Public e-bvd or equivalent available
	Ind 14	Gold	Attention MB sets requirements for emissions. Check these manually to ensure compliance!
	Ind 15	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
2.1 / 2.2	Ind 14	Gold	Public content declaration according to bvd3 is available
	Ind 15	Gold	The product does not contain phase-out substances according to KEMI's definition above classification limits
4.0	Ind 4	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
	Ind 9	Silver	The product does not contain U, R or endocrine disruptors on Chemsec's SIN list above classification limits
	Ind 15	Gold	Public e-bvd or equivalent available

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Nordic Swan Ecolabel buildings

HPP (Husproduktportalen)

Yes - NorDan Ntech Skjutedörr - 2P Trä, Trä/Alu

SCDP (Supply Chain Declaration Portal)

13. Product Assessment System



No

ECOproduct isn't available for the product today.



Yes

The product is listed in the database from Byggsvarubedömningen, NorDan 2P Skjutedörr Trä/Alu



Yes

The product is listed in the database from SundaHus, NorDan 2P Skjutedörr Trä/Alu



No

The product is not listed in the database from Basta

Nordic Swan Ecolabel

Yes

NorDan NTech Patio door is available as Swan Ecolabel