

Byggevaredeklarasjon - NTech Skyvedør, SD

Marked:



Dokument ID: 000D91(1.00)

Dato: 18 Januar 2024

Side: 1 av 8

Material: Tre + aluminium

Glass: 3-lags

Gjelder for produktkoder:
SD

1. Company information

NorDan AS
Stasjonsveien 46
N-4460 Moi - Norway
Organization number: 979776233

Contact person: Linda Jonsson
Email: linda.jonsson@nordan.se
Telephone number: +46 (0) 10-130 01 75
ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan NTech Patio door - SD 164/80

Product classification: BK04

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

Estimated technical lifetime: 60 years

URL * to public product documentation: https://portal.nordan.no/ndocs/search?category=document_EPD

* link to NorDan's public document system, NDocs

Declared size: 3000x2180 mm

Product Group ID: 04111

Declaration of Performance: DoP-ND-100-1

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

Product Code: SD

3. Chemical content

Product weight: 256,78 kg

Material content is declared to: 100%

Does the product contain nanomaterials? No nanomaterials have been deliberately added to achieve a particular function

Date for the declaration: 2024-01-18

The content is checked against the candidate list, edition: 2023-06-14

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	0,7%	8,05%	American red oak		0,70%	8,05%							
Wood treatment & Coating	0,23%	2,61%											
Wood perservative	0,003%	0,04%	Propiokonazol	60207-90-1	0,000%	0,001%				✓	✓	✓	

Byggevarerodeklarasjon - NTech Skyvedør, SD

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Hardner, primer	0,04%	0,26%	M-tolyidene diisocyanate	26471-62-5	0,000%	0,003%	H330, H315, H319, H334, H317, H351, H335, H412		✓			✓	
Top Coat	0,19%	1,29%	3-iodo-2-propynyl butylcarbamate	55406-53-6	0,000%	0,003%	H302, H331, H318, H317, H372, H400, H410					✓	
Note: Water Based, Acrylic binder.			1,2-benzisothiazol-3(2H)-one	2634-33-5	0,000%	0,001%	H302, H315, H318, H317, H400					✓	
			Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	55965-84-9	0,000%	0,000%	H301, H310, H330, H314, H318, H317, H400, H410					✓	
Adhesive & Sealant	0,19%	1,27%											
Adhesiv, finger joints, sash	0,14%	0,97%	Polyvinyl acetate emul. Waterbased.		0,000%	0,97%							
Note: PVAc dispersion adhesive													
Adhesive, sash	0,004%	0,03%	Propylene carbonate	108-32-7	0,000%	0,001%	H319						
Note: One component PVAc adhesive of D4 quality			Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	55965-84-9	0,000%	0,000%	H301, H310, H314, H317, H318, H330, H400, H410, H315, H319					✓	
Sealant	0,04%	0,26%	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	0,002%	0,01%	H304				✓	✓	
Note: 1-component sealant, based on SMX polymer			Trimethoxyvinylsilane	2768-02-7	0,000%	0,003%	H226, H332, H317					✓	
			Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	432-430-3	0,002%	0,01%	H413					✓	
			N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	0,000%	0,003%	H317, H318, H335						
			Dioctylbis(pentane-2,4-dionato-0,0')tin	54068-28-9	0,000%	0,003%	H317, H371						
3. IGU - Insulated glass units	64,92%	100,0%											
Float glass tempered, coated	41,73%	64,28%	Flat glass tempered, coated	65997-17-3	41,73%	64,28%							
Float glass	20,70%	31,89%	Flat glass uncoated	65997-17-3	20,70%	31,89%							
Spacer	0,63%	0,97%	Stainless steel	EN 1.4372	0,03%	0,05%							
			Polypropylene	9003-07-0	0,60%	0,92%							
Primary seal	0,12%	0,19%	Carbon black	1333-86-4	0,06%	0,09%							
Secondary seal part A	0,99%	1,52%	Polyurethane glass sealant		0,99%	1,52%							
Secondary seal part B	0,11%	0,17%	Di-“isononyl” phthalate	28553-12-0	0,05%	0,08%		✓			✓		
			Polymeric MDI	9016-87-9	0,03%	0,05%	H315, H317, H319, H332, H334, H335, H351						
			4,4'-methylenediphenyl diisocyanate	101-68-8	0,01%	0,01%	H315, H317, H319, H332, H334, H335, H351	✓				✓	

Byggevaredeklarasjon - NTech Skyvedør, SD

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			Carbon black	1333-86-4	0,01%	0,01%								
			Zeolites	1318-02-1	0,01%	0,01%								
			Oxirane,2-[[3-(trimethoxysilyl)propoxy]methyl]	2530-83-8	0,002%	0,003%	H318, H411							
Absorbent	0,54%	0,83%	Zeolites	1318-02-1	0,54%	0,83%								
			Quartz	14808-60-7	0,01%	0,01%								
Argon	0,10%	0,15%	Argon	7440-37-1	0,10%	0,15%								
4. Aluminium profiles	8,78%	100,0%												
Sliding rail, top	1,47%	16,70%	Aluminium	EN AW-6060	1,47%	16,70%								
Cladding frame side, slinding sash side	0,93%	10,54%	Aluminium	EN AW-6060	0,93%	10,54%								
Cald ding frame, side	0,39%	4,44%	Aluminium	EN AW-6060	0,39%	4,44%								
Cladding, sliding sash, top	0,12%	1,34%	Aluminium	EN AW-6060	0,12%	1,34%								
Cladding sash, side, bottom	1,09%	12,36%	Aluminium	EN AW-6060	1,09%	12,36%								
Cladding fixed sash, side	0,22%	2,46%	Aluminium	EN AW-6060	0,22%	2,46%								
Cladding, fixed sash, top	0,17%	1,99%	Aluminium	EN AW-6060	0,17%	1,99%								
Cover profile sash, bottom	0,11%	1,23%	Aluminium	EN AW-6060	0,11%	1,23%								
Cover profile sliding sash, top	0,10%	1,13%	Aluminium	EN AW-6060	0,10%	1,13%								
Glazing strip, bottom	0,33%	3,79%	Aluminium	EN AW-6060	0,33%	3,79%								
Glazing strip, top, side	0,91%	10,32%	Aluminium	EN AW-6060	0,91%	10,32%								
Threshold, outside profile	2,30%	26,23%	Aluminium	EN AW-6060	2,30%	26,23%								
Threshold, inside profile	0,25%	2,88%	Aluminium	EN AW-6060	0,25%	2,88%								
Powder coating	0,41%	4,61%	3,9-bis(2,4-di-tertbutylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]unde cane	26741-53-7	0,004%	0,05%	H410							
5. Plastic parts	0,12%	100,0%												
Cover plug	0,002%	2,07%	LDPE	9002-88-4	0,002%	2,07%								
Plastic clip	0,02%	13,65%	POM		0,02%	13,65%								
Plastic clip	0,03%	26,01%	PA6	25038-54-4	0,03%	26,01%								
Glazing packer	0,03%	25,99%	LLDPE	9002-88-4	0,03%	25,99%								
Glazing packer	0,02%	20,00%	LDPE	9002-88-4	0,02%	20,00%								
Threshold, inside profile	0,01%	12,28%	Solid glass-fibre reinforced unsaturated polyester		0,01%	12,28%								
6. Seals, rubber & TPU parts	0,48%	100,0%												
Gasket EPDM	0,37%	77,10%	EPDM polymer	25038-36-2	0,13%	26,99%								
			Carbon black	1333-86-4	0,07%	15,42%								
			Paraffin oils	8012-95-1	0,07%	15,42%								
			Calcium carbonate	471-34-1	0,09%	19,28%								
Gasket black	0,11%	22,90%	LDPE liner	9002-88-4	0,06%	11,45%								
			PU foam	9009-54-5	0,06%	11,45%								
7. Metal parts	2,33%	100,0%												
Bottom wheel boggie	0,61%	26,23%	PA6	25038-54-4	0,09%	3,89%								
			Stainless steel	1.4301, 304	0,12%	4,95%								
			Zinc alloy		0,41%	17,39%								
			Surf. treatment Zn plating		0,000%	0,003%								
Top wheel	0,17%	7,19%	Zinc alloy		0,11%	4,92%								
			PA6	25038-54-4	0,04%	1,76%								
			Stainless steel	1.4301, 304	0,01%	0,51%								

Byggevarerdeklarasjon - NTech Skyvedør, SD

Marked:



 **NorDan®**
Dokument ID: 000D91(1.00)

Material: Tre + aluminium

Glass: 3-lags

Dato: 18 januar 2024

Side: 5 av 8

Gjelder for produktkoder:

SD

[illegible]

Byggevarer deklarasjon - NTech Skyvedør, SD

Marked:



Dokument ID: 000D91(1.00)

Dato: 18 Januar 2024

Side: 6 av 8

Material: Tre + aluminium

Glass: 3-lags

Gjelder for produktkoder:
SD

4. Raw materials

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

Renewable material	Share
Wood	22,50%

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	Finland/ Estonia	

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-5601-4899
EPD, declared size:	3000x2180	EPD-Name:	NorDan NTech Patio door - SD 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 **
419,2	521,2	-102,4	0,50	1,96

* 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



Gjelder for produktkoder:
SD

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

Emissions to indoor air

12. Building certification systems



v6.1	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
v6.0			
2016v1.2	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.
v6.1			
v6.0	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)
2016v1.2			
v6.1			
v6.0			
2016v1.2			



v6.0	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
2017v1.1			
v6.0	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)
2017v1.1			
v6.0	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.
2017v1.1			
2013v2.0	Mat08	Yes	Product does not contain phase-out substances (according to KEMI's definition) above classification limits



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
	Ind 4	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
4.0	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

Nordic Swan Ecolabel buildings

HPP (Husproduktsportalen)
Yes - NorDan SD Skjutdörr Trä/Alu

SCDP (Supply Chain Declaration Portal)

Byggevaredeklarasjon - NTech Skyvedør, SD

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13. Product Assessment System



No

ECOproduct isn't available for the product today.



Yes

The product is listed in the database from Byggsvarubedömningen, NorDan SD Skjutedør Trä



Yes

The product is listed in the database from SundaHus, NorDan SD Skjutedør 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