

Byggvarudeklaration - Kvillsfors Utåtgående Fönsterdörr

Glas: 3-glas

Gäller för produktkoder:
D1

1. Company information

NorDan AB
Grebbestadsvägen 8
457 91 Tanumshede - Sweden
Organization number: 556294-4529

Contact person: Jonas Jonsson
Email: jonas.jonsson@nordan.se
Telephone number: +46 (0) 10-130 01 68
ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan Kvillsfors outward opening door - D1

Declared size: 1230x2180 mm

Product classification: BK04

Product Group ID: 04111

Description of goods: NorDan Kvillsfors outward opening door - D1 in size 1230x2180 mm tripple glazed 4E#+16G+4+16G+#E4 with with aluminium cladding is covered in this BPD

Declaration of Performance: DoP-NDAB-NDKF-016v3-SE

Estimated technical lifetime: 60 years

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

Product Code: D1

* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 104,3 kg

Date for the declaration: 2024-01-24

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, List I, II, III	Chemsec SIN-list	Svenska PRIO-listan	Den norske prioritetslista
Total	100,00%												
1. Frame	11,82%												
2. Sash	15,33%												
3. IGU - Insulated glass unit	61,73%												
4. Aluminium	5,65%												
5. Plastic parts	0,02%												
6. Seals, rubber & TPU parts	0,94%												
7. Metal parts	4,51%												
1. Frame	11,82%	100,0%											
Wood material frame	9,79%	82,89%											
Frame	9,79%	82,89%	Untreated pine, finger jointed		9,79%	82,89%							
Threshold	1,65%	13,97%											
Threshold profile alu	1,57%	13,32%	Aluminium 6060		1,574%	13,322%							
Threshold profile cold bridge	0,08%	0,65%	Nylon		0,077%	0,649%							
Wood treatment & Coating	0,25%	2,11%											
Top coat	0,249%	2,11%	2-butoxiethanol	111-76-2	0,007%	0,063%	H302 H315 H319 H331						
Note: Water borne, acrylate binder			Tetramethyl Decynediol	126-86-3	0,002%	0,021%	H318 H317 H412						
			Adipohydrazid	1071-93-8	0,002%	0,021%	H317, H411						

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			1,2-benzisotiazol-3(2H)-on	2634-33-5	0,000%	0,001%	H302, H315, H317, H318, H400, H411							✓	
			5-klor-2-metyl-2Hisotiazol-3-one [EG-nr 247-500-7] and 2-metyl-2H-isotiazol-3-one [EG-nr 220-239-6] (3:1)	55965-84-9	0,000%	0,000%	EUH071, H301, H310, H314, H317, H318, H330, H400, H410							✓	
Adhesive & Sealer	0,12%	1,03%													
Adhesive, finger joints, frame	0,10%	0,84%	Aluminium nitrate nonahydrate	7784-27-2	0,005%	0,042%	H319, H272, H315								
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on ^(c)	2634-33-5	0,0000%	0,0004%	H302, H400, H318, H315, H317							✓	
			Mixture of 5-chloro-2-methyl2H-isothiazol-3-oneand 2-methyl-2H-isothiazol-3-one	55965-84-9	0,00000%	0,00001%	H310, H330, H301, H400, H410, H318, H314, H317							✓	
Silicone	0,02%	0,19%	2-pentanon,0,0',0"- (metylsilylidyn)trioxim	37859-55-5	0,001%	0,010%	H302, H312, H319								
Note: Silicone with polysiloxan base			2-oktyl-2H-isotiazol-3-on	26530-20-1	0,0000%	0,0002%	H330, H311, H301, H314, H318, H317, H400, H410							✓	
2. Sash	15,33%	100,0%													
Wood material frame	13,80%	90,06%													
Frame	13,8%	90,06%	Untreated pine, finger jointed		13,805%	90,059%									
Glazing strip	1,08%	7,07%													
Glazing strip	1,0%	6,65%	Pine finger jointed, foiled		0,893%	4,006%									
Adhesive foil	0,0%	0,14%	Polyolefin-based glue		0,019%	0,085%									
Foil	0,0%	0,21%	Paper		0,023%	0,102%									
			Acrylic resins		0,014%	0,064%									
Adhesive, finger joints	0,0%	0,07%	PVAc dispersion adhesive		0,009%	0,040%									
Note: PVAc dispersion adhesive															
Wood treatment & Coating	0,27%	1,79%													
Top coat	0,27%	1,79%	2-butoxiethanol	111-76-2	0,008%	0,054%	H302 H315 H319 H331								
Note: Water borne, acrylate binder			Tetramethyl Decynediol	126-86-3	0,003%	0,018%	H318 H317 H412								
			Adipohydrazid	1071-93-8	0,003%	0,018%	H317, H411								
			1,2-benzisotiazol-3(2H)-on	2634-33-5	0,000%	0,001%	H302, H315, H317, H318, H400, H411							✓	
			5-klor-2-metyl-2Hisotiazol-3-one [EG-nr 247-500-7] and 2-metyl-2H-isotiazol-3-one [EG-nr 220-239-6] (3:1)	55965-84-9	0,000%	0,000%	EUH071, H301, H310, H314, H317, H318, H330, H400, H410							✓	
Adhesive & Sealer	0,17%	1,08%													
Adhesive, finger joints, frame	0,14%	0,91%	Aluminium nitrate nonahydrate	7784-27-2	0,007%	0,045%	H319, H272, H315								
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on ^(c)	2634-33-5	0,000%	0,000%	H302, H400, H318, H315, H317							✓	
			Mixture of 5-chloro-2-methyl2H-isothiazol-3-oneand 2-methyl-2H-isothiazol-3-one	55965-84-9	0,0000%	0,0000%	H310, H330, H301, H400, H410, H318, H314, H317							✓	
Silicone	0,02%	0,14%	2-pentanon,0,0',0"- (metylsilylidyn)trioxim	37859-55-5	0,001%	0,007%	H302, H312, H319								
Note: Silicone with polysiloxan base			2-oktyl-2H-isotiazol-3-on	26530-20-1	0,000%	0,000%	H330, H311, H301, H314, H318, H317, H400, H410							✓	
Frame corner glue	0,00%	0,03%	Propylenkarbonat	108-32-7	0,000%	0,001%	H319 H272 H315								

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Marknad:



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			Metal, steel (not stainless steel)		0,02%	0,531%							
Window fittings	2,04%	45,14%	Zinc alloy		2,01%	51,030%							
			Steel		0,660%	16,751%							
			Aluminium		0,653%	16,570%							
			Stainless steel		0,028%	0,707%							
			Nylon 66	32131-17-2	0,046%	1,155%							
Handles, etc	0,23%	5,04%	Aluminium AlMg3	7429-90-5	0,227%	5,037%							
Screws													
Screws, galvanized	0,15%	3,27%	Steel zinc galvanized		0,158%	3,584%							
Screws, stainless steel	0,12%	2,63%	Stainless steel	SS304	0,119%	2,631%							

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,58%	Wood	24,62%
Glass	28,00%	16,51%		

Grade of certified wood:	70-100%	Certificate
Certification system:	FSC	
Comment:	The percentage above refers to the certified percentage of the wood raw material included in the production. Finished product is not sold certified.	
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-6000-5260
EPD, declared size:	1230x2180	EPD-Name:	NorDan Kvillsfors outward opening door - D1 (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 **
154,4	200,8	-46,8	0,39	1,85

* 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 window owner's manual
Does the product place special demands on surrounding building materials?	See window owner's manual
Does the product require input goods for operation and maintenance?	See window owner's manual



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9. Demolition

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

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.
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Is recycling possible?	Yes		
Rate of material recycling:	70,70%		
Material	Weight % of whole item	Waste code	
Aluminium	7,22%	EWC	170402
Metal	4,51%	EWC	170407
Glass	58,97%	EWC	200102

Is energy recovery possible?	Yes		
Energy recovery rate	29,30%		
Material	Weight % of whole item	Waste code	
Wood with sealant	28,26%	EWC	170201
Plastic/rubber	1,04%	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				
	v6.1	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.	
	v6.0				
	2016v1.2				
	v6.1	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				
	2016v1.2				
	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		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	
	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 of classification limits	
		Ind 15	Gold	Public e-bvd or equivalent available	

Nordic Swan Ecolabel buildings

HPP (Husproduktsportalen)
Yes - NorDan D1 - B1 - KT953 FD AFY
SCDP (Supply Chain Declaration Portal)

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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 Byggvarubedömningen, Name: NorDan D1 - B1 - KT953FD afy



Yes

The product is listed in the database from SundaHus, Name: Fönsterdörr D1-B1-KT953 FD AFY



No

The product is not listed today in the database from Basta

Nordic Swan Ecolabel

No

Swan Ecolabel isn't available for the product today