



Glass: 2+1

Gjelder for produktkoder:
K1

1. Company information

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

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ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan Kvillsfors Outward opening door with sec.sash - K1
Declared size: 1230*2180 mm

Product classification: BK04
Product Group ID: 04111

Description of goods: NorDan Kvillsfors Outward opening door with sec.sash - K1 in size 1230*2180 mm, 2+1 glazed 4# + 16G + 4E and 4# with with aluminium cladding is covered in this BPD
Declaration of Performance: DoP-NDAB-NDKF-014v2-SE

Estimated technical lifetime: 60 years

URL* to public product documentation: https://portal.nordan.no/ndocs/search?category=document_EPD
Product Code: K1

* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 104,31 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	14,33%										
3. IGU - Insulated glass unit	60,31%										
4. Aluminium	7,81%										
5. Plastic parts	0,02%										
6. Seals, rubber & TPU parts	1,30%										
7. Metal parts	4,41%										
1. Frame	11,82%	100,0%									
Wood material frame	9,79%	82,89%									
Frame	9,8%	82,89%	Untreated pine, finger jointed		9,8%	82,9%					
Threshold	1,65%	13,97%									
Threshold profile alu	1,6%	13,32%	Aluminium 6060		1,574%	13,322%					
Threshold profile cold bridge	0,1%	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 H332 H315 H319				
Note: Water borne, acrylate binder			2,4,7,9-tetramethyldec-5-yne-4,7-diol	126-86-3	0,002%	0,021%	H318 H317 H412				
			Adipohydrazid	1071-93-8	0,0025%	0,0211%	H302, H331, H318, H317, H372, H400, H410				
			1,2-benzisotiazol-3(2H)-on	2634-33-5	0,000%	0,001%	H314, H318, H335, H400				✓

Byggevarerodeklarasjon - SoundTech Utadslående Dør

Marked:



Dokument ID: 000D79(1.00)

Dato: 24 Januar 2024

Side: 2 av 5

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Gjelder for produktkoder:

K1

			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	0,0000%	0,0000%	H310, H330, H301, H400, H410, H318, H314, H317									✓	
Adhesive & Sealer	0,12%	1,03%															
Adhesive, finger joints, frame	0,10%	0,84%	Aluminium nitrate nonahydrate	7784-27-2	0,0049%	0,042%	H319, H272, H315										
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on()	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	0,000%	0,000%	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	0,000%	0,000%	H330, H311, H301, H314, H318, H317, H400, H410									✓	
2. Sash	14,33%	100,0%															
Wood material frame	13,84%	96,63%															
Frame	13,8%	96,63%	Untreated pine, finger jointed		13,843%	96,625%											
Wood treatment & Coating	0,30%	2,07%															
Top coat	0,30%	2,07%	2-butoxiethanol	111-76-2	0,009%	0,062%	H302 H332 H315 H319										
Note: Water borne, acrylate binder			2,4,7,9-tetramethyldec-5-yne-4,7-diol	126-86-3	0,003%	0,021%	H318 H317 H412										
			Adipohydrazid	1071-93-8	0,003%	0,021%	H302, H331, H318, H317, H372, H400, H410										
			1,2-benzisotiazol-3(2H)-on	2634-33-5	0,000%	0,001%	H314, H318, H335, H400									✓	
			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%	H310, H330, H301, H400, H410, H318, H314, H317									✓	
Adhesive & Sealer	0,19%	1,30%															
Adhesive, finger joints, frame	0,14%	0,98%	Aluminium nitrate nonahydrate	7784-27-2	0,007%	0,049%	H319, H272, H315										
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on()	2634-33-5	0,0001%	0,0005%	H302, H400, H318, H315, H317									✓	
			Mixture of 5-chloro-2-methyl2H-isothiazol-3-oneand 2-methyl-2H-isothiazol-3-one	55965-84-9	0,000%	0,000%	H310, H330, H301, H400, H410, H318, H314, H317									✓	
Silicone	0,04%	0,29%	2-pentanon,0,0',0"- (metylsilylidyn)trioxim	37859-55-5	0,002%	0,015%	H302, H312, H319										
Note: Silicone with polysiloxan base			2-oktyl-2H-isotiazol-3-on	26530-20-1	0,0000%	0,0003%	H330, H311, H301, H314, H318, H317, H400, H410									✓	
Frame corner glue	0,00%	0,03%	Propylenkarbonat	108-32-7	0,0001%	0,0010%	H319 H272 H315										
Note: one component PVAc glue			Mixture of 5-chloro-2-methyl2H-isothiazol-3-oneand 2-methyl-2H-isothiazol-3-one	55965-84-9	0,00000%	0,00000%	H310, H330, H301, H400, H410, H318, H314, H317									✓	
3. IGU - Insulated glass unit	60,31%	100,0%															
Float glass coated	19,556%	32,42%	Flat Glass coated	65997-17-3	19,556%	32,423%											
Float glass tempered glass	39,376%	65,28%	Flat Glass tempered glass	65997-17-3	39,376%	65,285%											
Spacer	0,353%	0,58%	Styrol - Acrylonitrile Copolymer	9003-54-7	0,328%	0,544%											
			Diphenylmethan-4,4'-diisocyanat	101-68-8	0,0001%	0,0001%	H317 H332 H351 H373		✓							✓	

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			Barrier Foil / aluminium foil		0,000%	0,001%								
Primary seal	0,068%	0,11%	Polyisobutylene	9003-27-4	0,068%	0,113%								
Secondary seal part A	0,553%	0,92%	Polyurethane		0,553%	0,916%								
Secondary seal part B	0,061%	0,10%	4.4-Methylene diphenyl diisocyanate, oligomers	25686-28-6	0,025%	0,041%	H315 H317 H319 H332 H334 H335 H351 H373							
			[3-(2,3-epoxypropoxy)propyl]tri methoxysilane	2530-83-8	0,012%	0,020%	H318							
			p-toluenesulphonyl isocyanate	4083-64-1	0,000%	0,001%	H334 H315 H319 H335						✓	
Absorbent	0,301%	0,50%	Zeolites	1318-02-1	0,301%	0,499%								
			Quartz	14808-60-7	0,003%	0,005%								
Argon	0,047%	0,08%	Argon	7440-37-1	0,047%	0,077%								
4. Aluminium	7,81%	100,0%												
Aluminium cladding	0,244%	3,13%	AW6060		0,244%	3,129%								
Glazing strip	0,649%	8,32%	AW6060		0,649%	8,315%								
Aluminium sec.sash	5,383%	68,93%	AW6060		5,383%	68,931%								
Aluminium cladding	0,846%	10,84%	AW6060		0,846%	10,836%								
Powder coat	0,373%	4,78%	3,9-bis(2,4-di-tertbutylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane	26741-53-7	0,004%	0,048%								
Mounting clips	0,261%	3,34%	AW6060		0,261%	3,339%								
Mounting clips	0,052%	0,67%	AW6060		0,052%	0,672%								
5. Plastic parts	0,02%	100,0%												
Glazing packer	0,023%	94,70%	LDPE	9002-88-4	0,023%	94,704%								
Glazing packer	0,001%	5,30%	LDPE	9002-88-4	0,001%	5,296%								
6. Seals, rubber & TPU parts	1,30%	100,0%												
EPDM-gaskets	1,28%	98,68%	EPDM polymer	25038-36-2	0,448%	34,537%								
			Carbon black	1333-86-4	0,256%	19,736%								
			Paraffin oils	8012-95-1	0,256%	19,736%								
			Calcium carbonate	471-34-1	0,320%	24,669%								
Dust, seal	0,02%	1,32%	Silicone rubber	63394-02-5	0,017%	1,322%								
7. Metal parts	4,41%	100,0%												
Hinge Frame	1,04%	23,55%	Steel DC01 (Q235), non-alloy steel		0,803%	18,193%								
			Steel, ML08AL, low-alloyed		0,116%	2,622%								
			Metal, stainless steel 304		0,111%	2,509%								
			Nylon 6 or polyamide 6 (PA6)		0,008%	0,186%								
			Zinc coating		0,000%	0,002%								
			Powder coating		0,002%	0,041%								
Hinge Sash	0,49%	11,06%	Steel DC01 (Q235)		0,442%	0,049%								
			Nylon 6 or polyamide 6 (PA6)		0,005%	0,001%								
			Steel Q215/E195		0,040%	0,004%								
			Powder coating		0,001%	0,000%								
Fix 184	0,07%	1,50%	Polyoxymethylene (POM)		0,009%	0,000%								
			Metal, unalloyed structural steel, S185		0,034%	0,001%								
			Metal, steel (not stainless steel)		0,024%	0,000%								
Window fittings	2,04%	46,15%	Zinc alloy		1,205%	27,316%								
			Steel		0,40%	8,967%								
			Aluminium		0,391%	8,870%								
			Stainless steel		0,017%	0,378%								
			Nylon 66	32131-17-2	0,027%	0,618%								
Handles, etc	0,23%	5,15%	Aluminium AlMg3	7429-90-5	0,227%	5,150%								
Connection, hinge	0,23%	5,32%	Steel alloy (not stainless steel)		0,235%	0,013%								
Screws														
Screws, galvanized	0,16%	3,58%	Steel zinc galvanized		0,158%	3,584%								
Rivet	0,08%	1,89%	AW6060		0,083%	1,886%								
Screws, stainless steel	0,08%	1,80%	Stainless steel	SS304	0,079%	1,799%								



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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%	0,75%	Wood	23,64%
Glass	28,00%	16,50%		

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?	No	ID number for EPD:
EPD, declared size:		EPD-Name:

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 **

* 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

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:		72,73%
Material	Weight % of whole item	Waste code
Aluminium	9,38%	EWC 170402
Metal	4,41%	EWC 170407
Glass	58,93%	EWC 200102



Is energy recovery possible?		Yes
Energy recovery rate		27,27%
Material	Weight % of whole item	Waste code
Wood with sealant	25,87%	EWC 170201
Plastic/rubber	1,40%	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	No	Reference EPD is currently not published.	
	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	No	Reference EPD is currently not published.
	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	No	Reference EPD is currently not published.	
	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	No	Reference EPD is currently not published.	
		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 (Husproduktportalen)
	Yes - NorDan K1 - C1 - KT943 FD AGL
	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 Byggvarubedömningen, NorDan K1 - C1 - KT943 FD AFY
	Yes	The product is listed in the database from SundaHus, NorDan K1 - C1 - KT943 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