

Byggvarudeklaration - Kvillsfors Inåtgående Fönsterdörr

Glas: 3-glas

Gäller för produktkoder:
G1

1. Company information

NorDan AB
Grebbebestadsvägen 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 Balcony inward opening door - G1
Declared size: 1230x2180 mm

Product classification: BK04
Product Group ID: 04111

Description of goods: NorDan Kvillsfors Balcony inward opening door - G1 in size 1230x2180 mm tripple glazed with with aluminium cladding is covered in this BPD
Declaration of Performance: DoP-NDAB-NDKF-002v3-SE

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: G1

* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 102,98 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	17,15%												
2. Sash	8,20%												
3. IGU - Insulated glass unit	64,15%												
4. Aluminium	7,14%												
5. Plastic parts	0,03%												
6. Seals, rubber & TPU parts	0,93%												
7. Metal parts	2,41%												
1. Frame	17,15%	100,0%											
Wood material frame	16,67%	97,22%											
Frame top	16,7%	97,22%	Untreated pine, finger jointed		16,670%	97,217%							
Wood treatment & Coating	0,29%	1,67%											
Top coat	0,286%	1,67%	2-butoxiethanol	111-76-2	0,0086%	0,0500%	H302 H332 H315 H319						
Note: Water borne, acrylate binder			2,4,7,9-tetramethyldec-5-yne-4,7-diol	126-86-3	0,0029%	0,0167%	H318 H317 H412						
			Adipohydrazid	1071-93-8	0,0029%	0,0167%	H302, H331, H318, H317, H372, H400, H410						
			1,2-benzisotiazol-3(2H)-on	2634-33-5	0,0001%	0,0008%	H314, H318, H335, H400					✓	

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			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	0,19%	1,12%													
Adhesive, finger joints, frame	0,17%	0,98%	Aluminium nitrate nonahydrate	7784-27-2	0,0084%	0,049%	H319, H272, H315								
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on ⁽¹⁾	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	0,02%	0,14%	2-pentanon,0,0',0"- (metylsilylidyn)trioxim	37859-55-5	0,0011653%	0,0067955%	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	8,20%	100,0%													
Wood material frame	6,79%	82,85%													
Sash	6,8%	82,85%	Untreated pine, finger jointed		6,794%	82,854%									
Glass frame	1,11%	13,52%													
Glazing strip	1,0%	12,72%	Pine finger jointed, foiled		0,893%	4,006%									
Adhesive foil	0,0%	0,27%	Polyolefin-based glue		0,019%	0,085%									
Foil	0,0%	0,41%	Paper		0,023%	0,102%									
			Acrylic resins		0,014%	0,064%									
Adhesive, finger joints	0,0%	0,13%	PVAc dispersion adhesive		0,009%	0,040%									
Note: PVAc dispersion adhesive															
Wood treatment & Coating	0,20%	2,47%													
Top coat	0,20%	2,47%	2-butoxiethanol	111-76-2	0,0061%	0,0741%	H302 H332 H315 H319								
Note: Water borne, acrylate binder			2,4,7,9-tetramethyldec-5-yne-4,7-diol	126-86-3	0,0020%	0,0247%	H318 H317 H412								
			Adipohydrazid	1071-93-8	0,0020%	0,0247%	H302, H331, H318, H317, H372, H400, H410								
			1,2-benzisotiazol-3(2H)-on	2634-33-5	0,0001%	0,0012%	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	0,0000%	0,0000%	H310, H330, H301, H400, H410, H318, H314, H317							✓	
Adhesive & Sealer	0,09%	1,15%													
Adhesive, finger joints, frame	0,07%	0,84%	Aluminium nitrate nonahydrate	7784-27-2	0,003%	0,042%	H319, H272, H315								
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on ⁽¹⁾	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%	0,26%	2-pentanon,0,0',0"- (metylsilylidyn)trioxim	37859-55-5	0,001%	0,013%	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%	0,06%	Propylenkarbonat	108-32-7	0,000%	0,002%	H319 H272 H315								

[illegible]

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Screws												
Screws, galvanized	0,06%	2,38%	Steel zinc galvanized		0,130%	6,860%						
Screws, stainless steel	0,02%	0,81%	Stainless steel	SS304	0,022%	1,155%						

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product
Aluminium	8,00%	0,57%
Glass	28,00%	17,17%

Renewable material	Share
Wood	24,51%

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? ID number for EPD: No

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

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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:		70,87%
Material	Weight % of whole item	Waste code
Aluminium	7,14%	EWC 170402
Metal	2,41%	EWC 170407
Glass	61,32%	EWC 200102

Is energy recovery possible?

Yes

Energy recovery rate		29,13%
Material	Weight % of whole item	Waste code
Wood with sealant	28,18%	EWC 170201
Plastic/rubber	0,95%	EWC 170203

Waste code when the delivered goods become waste:

17 - Construction and demolition waste

When the delivered goods become waste, No

is it classified as hazardous waste?

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 2017v1.1 2013v2.0	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.
		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 (Husproduktsportalen)
Yes - NorDan G1 - KT991 FD GL

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, NorDan G1 - KT991 FD GL
	Yes	The product is listed in the database from SundaHus, Kvillsfors Inåtgående Fönsterdörr - G1
	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