

Byggvarudeklaration - Kvillsfors Inåtgående Parfönster Kopplat m/mötesbågar

Glas: 2+1

Marknad:



NorDan

Dokument ID: 001006(1.00)

Datum: 1 Oktober 2024

Sida: 1 av 6

Gäller för:
KC

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 Sidehinged inward opening double window w/sec. Declared size: 1230X1480 mm
Sash. KC
Product classification: SE: BK04-04105
Description of goods: NorDan Kvillsfors Sidehinged inward opening double window w/sec. Declaration of Performance: DoP-NDAB-NDKF-003v2-SE
Sash in size 1230X1480 mm 2+1 glazed with with aluminium cladding is covered in this BPD
Estimated technical lifetime: 60 years Standard glass unit: 4E+16G+4+16G+4E
URL* to public product documentation: <https://portal.nordan.no/ndocs/search?category=document> EPD Product Code: KC
* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 76,26 kg Date for the declaration of content: 2024-10-01
Material content is declared to: 100% The content is checked against the candidate list, edition: 2024-06-27

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	18,28%											
2. Sash	13,36%											
3. IGU - Insulated glass unit	51,38%											
4. Aluminium	10,85%											
5. Plastic parts	0,09%											
6. Seals, rubber & TPU parts	2,03%											
7. Metal parts	4,00%											
1. Frame	18,28 %	100,00 %										
Wood material frame	17,91 %	98,00 %										
Wood, frame	17,91 %	98,00 %	Untreated pine		17,7315	97,0207						
			Polyvinyl acetate emul. Water based		0,1791	0,9800						
Wood treatment & Coating	0,33 %	1,83 %										
Top coat	0,33 %	1,83 %	2-(3-metoxipropoxi)propanol	34590-94-8	0,0100	0,0548						
<i>Note: Water borne, acrylic binder</i>			dietylenglykolmonoetyler	111-90-0, EC203-919-7	0,0100	0,0548						
			Tetramethyl Decynediol	126-86-3	0,0033	0,0183	H318, H317, H412					

Byggvarudeklaration - Kvillsfors Inåtgående Parfönster Kopplat m/mötesbågar

Marknad:



NorDan

Dokument ID: 001006(1.00)

Datum: 1 Oktober 2024

Sida: 3 av 6

Glas: 2+1

Gäller för:
KC

			[3-(2,3-epoxypropoxy)propyl]trimet hoxyxilane	2530-83-8	0,0118	0,0229	H318, H3112												
			p-toluenesulphonyl isocyanate	4083-64-1	0,0003	0,0006	H334,H315, H319, H335												✓
Absorbent	0,49 %	0,95 %	Zeolites	1318-02-1	0,4377	0,8519													
			Quartz (SiO2)	14808-60-7	0,0005	0,0009													
4. Aluminium	10,85 %	100,00 %																	
Aluminium profile, frame	4,47 %	41,18 %	Aluminium profile, 6060		4,4702	41,1817													
Glazing stip, aluminium	1,05 %	9,63 %	Aluminium profile, 6060		1,0455	9,6319													
Aluminium profile, sash	4,77 %	43,95 %	Aluminium profile, 6060		4,7711	43,9543													
Powder coating	0,57 %	5,23 %	3,9-bis(2,4-di-tertbutylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane	26741-53-7	0,0057	0,0523	H410												
5. Plastic parts	0,09 %	100,00 %																	
Glass packer	0,07 %	75,10 %	Plastic parts, linear low density polyethylene (LLDPE)		0,0712	75,0982													
Mounting clips	0,02 %	24,90 %	Polyoxymethylene (POM), plastic parts		0,0236	24,9018													
6. Seals, rubber & TPU parts	2,03 %	100,00 %																	
Sealing gasket	2,03 %	100,00 %	EPDM polymer	25038-36-2	0,7118	35,0000													
			Carbon black	1333-86-4	0,4068	20,0000													
			Paraffin oils	8012-95-1	0,4068	20,0000													
			Calcium carbonate	471-34-1	0,5084	25,0000													
7. Metal parts	4,00 %	100,00 %																	
Mounting clips	0,44 %	11,05 %	Aluminium profile, 6060		0,4419	11,0476													
Window fittings	0,49 %	12,13 %	Aluminium Handle, Hoppe, ALMg3		0,4852	12,1282													
Window fittings	2,29 %	57,33 %	Zinc alloy		1,3575	33,9345													
			Steel		0,4456	11,1395													
			Aluminium		0,4408	11,0191													
			Stainless steel		0,0188	0,4701													
			Nylon 66		0,0307	0,7682													
Window fittings	0,50 %	12,39 %	Steel (not stainless steel)		0,4957	12,3904													
Screws																			
Screws, Nails etc	0,22 %	5,57 %	Steel zinc galvanized		0,2230	5,5739													
Screws, Nails etc	0,01 %	0,16 %	Aluminium		0,0064	0,1611													
Screws, Nails etc	0,05 %	1,37 %	Stainless steel	SS304	0,0547	1,3674													

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product
Aluminium	8,00%	0,94%
Glass	28,00%	13,77%

Renewable material	Share
Wood	30,17%

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

Byggvarudeklaration - Kvillsfors Inåtgående Parfönster Kopplat m/mötesbågar

Marknad:

**NorDan**

Dokument ID: 001006(1.00)

Datum: 1 Oktober 2024

Sida: 4 av 6

Glas: 2+1

Gäller för:

KC

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.

Is recycling possible? Yes
Rate of material recycling: 64,03%

Material	Weight % of whole item	Waste code
Aluminium	10,85%	EWC 170402
Metal	4,00%	EWC 170407
Glass	49,18%	EWC 200102

Is energy recovery possible? Yes
Energy recovery rate: 35,97%

Material	Weight % of whole item	Waste code
Wood with sealant	33,84%	EWC 170201
Plastic/rubber	2,13%	EWC 170203

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

Byggvarudeklaration - Kvillsfors Inåtgående Parfönster Kopplat m/mötesbågar

Glas: 2+1

Marknad:



Dokument ID: 001006(1.00)

Datum: 1 Oktober 2024

Sida: 5 av 6

Gäller för:
KC

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 v6.0 2016v1.2	Mat01	No	Reference EPD is currently not published.
	v6.1 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 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)
	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 Mat08	Yes Yes	The product does not contain phase-out or risk reduction substances (according to KEMI's definition and EDS Cat1/ Cat2) above classification limits. 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

Svanen SCDP (Supply Chain Declaration Portal)

13. Product Assessment System

	No	ECOproduct isn't available for the product today.
	No	The product is not listed today in the database from Byggvarubedömningen
	No	The product is not listed today in the database from SundaHus
Nordic Swan Ecolabel	No	Swan Ecolabel isn't available for the product today