

Byggevaredeklarasjon - Kvillsfors Fast karm



Dokument ID: 000697(4.02)

Dato: 03 November 2023

Side: 1 av 5

Materiale: Tre + alu

Karm: 115

Glass: 3-lags

Gjelder for produktkoder:
EL

1. Company information

NorDan AB

Grebbestadsvägen 8
457 91 Tanumshede
Organisationsnummer: 556294-4529

Contact person: Jonas Jonsson
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Telephone number: 010-130 01 68
ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: Kvillsfors Fixed frame - EL
Declared size: 1230x1480 mm

Product classification: BK04
Product Group ID: 04109

Description of goods: Kvillsfors Fixed frame - EL in size 1230x1480 mm tripple glazed 4+16G+4+16G+E4 with With Aluminium Cladding is covered in this BPD
Declaration of Performance: DoP-NDAB-NDKF-005v3_SE

Estimated technical lifetime: 60 years

URL[†] to public product documentation: https://portal.nordan.no/ndocs/search?category=document_EP

* link to NorDan's public document system, Ndocs

3. Chemical content

Product weight: 65,43 kg
Date for the declaration: 2023-11-03

Material content is declared to: 100%
The content is checked against the candidate list, edition: 2023-06-14

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)	Endocrine disrupting	Chemsec SIN-list	Svenska PRIO-listan	Den norske prioritetslista
Total	100,00%											
1. Frame	22,29%											
2. IGU - Insulated glass unit	72,59%											
3. Aluminium	4,59%											
4. Plastic parts	0,04%											
5. Seals, rubber & TPU parts	0,43%											
6. Metal parts	0,07%											
1. Frame	22,29%	100,0%										
Wood material frame	20,75%	93,12%										
Frame top	4,9%	22,03%	Untreated pine, finger jointed		4,910%	22,034%						
Frame bottom	4,1%	18,45%	Untreated pine, finger jointed		4,111%	18,446%						
Frame Side	5,9%	26,32%	Untreated pine, finger jointed		5,865%	26,319%						
Frame Side	5,9%	26,32%	Untreated pine, finger jointed		5,865%	26,319%						
Glazing strip	0,95%	4,26%										
Slazing strip	0,923%	4,14%	Pine finger jointed, foiled		0,9231%	4,1423%						
Adhesive foil	0,015%	0,07%	Polyolefin-based glue		0,0152%	0,0682%						
Foil	0,008%	0,04%	Paper		0,0063%	0,0283%						
			Acrylic resins		0,0039%	0,0177%						
Adhesiv, finger joints	0,003%	0,01%	Aluminium nitrate nonahydrate	7784-27-2	0,0002%	0,0007%	H319, H272, H315					
Note: PVAc dispersion adhesive			1,2-benzisotiazol-3(2H)-on ⁽¹⁾	2634-33-5	0,0000%	0,0000%	H302, H400, H318, H315, H317				✓	

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3. Aluminium		4,59%	100,0%						
Aluminium cladding	3,065%	66,77%	AW6060		3,065%	66,768%			
Aluminium cladding	1,109%	24,17%	AW6060		1,109%	24,166%			
Powder coating	0,286%	6,22%	3,9-bis(2,4-di-tertbutylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane	26741-53-7	0,003%	0,062%	H410		
Clips	0,095%	2,06%	AW6060		0,095%	2,060%			
Clips	0,036%	0,78%	AW6060		0,036%	0,784%			
4. Plastic parts		0,04%	100,0%						
Cover Plug	0,006%	13,04%	LDPE	9002-88-4	0,006%	4,637%			
Glasspacker	0,037%	86,96%	LDPE	9002-88-4	0,037%	104,637%			
5. Seals, rubber & TPU parts		0,43%	100,0%						
Glazing gasket, EPDM	0,23%	52,99%	EPDM polymer	25038-36-2	0,070%	16,454%			
			Carbon black	1333-86-4	0,040%	9,402%			
			Paraffin oils	8012-95-1	0,040%	9,402%			
			Calcium carbonate	471-34-1	0,050%	11,753%			
			EPDM polymer	25038-36-2	0,079%	18,546%			
			Carbon black	1333-86-4	0,045%	10,598%			
Glazing gasket, EPDM	0,23%	52,99%	Paraffin oils	8012-95-1	0,045%	10,598%			
			Calcium carbonate	471-34-1	0,056%	13,247%			
6. Metal parts		0,07%	100,0%						
Nailscrew 1,8x25 A2 16°	0,01%	14,37%			0,010%	14,366%			
CN 90x3,1 Vfz Th	0,05%	65,02%							
Brad Nail 1,2x30 SS 7M	0,01%	20,62%							

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,34%	Wood	21,67%
Glass	28,00%	19,32%		

Grade of certified wood:

96%

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

Certificate

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-4547-3800

EPD, declared size: 1230x1480

EPD-Name: Kvillsfors Fixed frame - EL (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} / kg
67,7	95,1	-27,5	0,16	1,38

* For project-specific values contact NorDan

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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: 73,66%

Material	Weight % of whole item	Waste code
Aluminium	4,59%	EWC 170402
Metal	0,07%	EWC 170407
Glass	68,99%	EWC 200102

Is energy recovery possible? Yes
Energy recovery rate: 26,34%

Material	Weight % of whole item	Waste code
Wood with sealant	25,88%	EWC 170201
Plastic/rubber	0,47%	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




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12. Building certification systems

	v6.0	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan.
	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.
	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			
	v6.0	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
	2017v1.1	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	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	Gold	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 (Husproduktspalten)

Yes - NorDan EL - KT995

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. Name: Kvillsfors Fast Karm - EL
	Yes	The product is listed in the database from SundaHus. Name: Kvillsfors Fast Karm - EL
	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