

# Building Product Declaration - SoundGuard Fixed frame window

Market:



**NorDan**<sup>®</sup>

Document ID: 000596(5.00)

Date: 24 January 2024

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Glass: Triple glazed

Applicable for product codes:

EL

## 1. Company information

### NorDan AB

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457 91 Tanumshede - Sweden  
Organization number: 556294-4529

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Telephone number: +46 (0) 10-130 01 68  
ISO certifications: ISO 9001  
ISO 14001

## 2. Product data

Trade name: Kvillsfors Fixed frame - EL (With Aluminium Cladding) Declared size: 1230x1480 mm  
Product classification: BK04 Product Group ID: 04109  
Description of goods: Product NorDan Kvillsfors Fixed frame - EL in size 1230x1480 mm is covered in this BPD. Declaration of Performance: DoP-NDAB-NDKF-005v2-SE  
Wooden window with aluminium cladding.  
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](https://portal.nordan.no/ndocs/search?category=document_EPD) Product Code: EL

\* link to NorDan's public document system, NDocs

## 3. Chemical content

Product weight: 65,43 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
<b>Total</b>	<b>100,00%</b>												
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%												
<b>1. Frame</b>	<b>22,29%</b>	<b>100,0%</b>											
<b>Wood material frame</b>	<b>20,67%</b>	<b>92,74%</b>											
Frame	20,7%	92,74%	Untreated pine, finger jointed		20,668%	92,744%							
<b>Glazing strip</b>	<b>0,95%</b>	<b>4,26%</b>											
Glazing strip	0,9%	4,01%	Pine finger jointed, foiled		0,893%	4,006%							
Adhesive foil	0,0%	0,09%	Polyolefin-based glue		0,019%	0,085%							
Foil	0,0%	0,13%	Paper		0,023%	0,102%							
			Acrylic resins		0,014%	0,064%							
Adhesive, finger joints	0,0%	0,04%	PVAc dispersion adhesive		0,009%	0,040%							
<i>Note: PVAc dispersion adhesive</i>													
<b>Wood treatment &amp; Coating</b>	<b>0,39%</b>	<b>1,75%</b>											
Top coat	0,389%	1,75%	2-butoxiethanol	111-76-2	0,0117%	0,0524%	H302 H332 H315 H319						



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6. Metal parts	0,07%	100,0%								
<b>Screws &amp; Nails</b>										
Screws, galvanized	0,05%	65,02%	Steel zinc galvanized		0,046%	65,015%				
Screws, stainless steel	0,02%	34,98%	Stainless steel	SS304						

## 4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,37%	Wood	21,56%
Glass	28,00%	19,32%		

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-4547-3800

EPD, declared size: 1230x1480

EPD-Name: Kvillsfors Fixed frame - EL (With Aluminium Cladding)

GWP Functional unit*				GWP/kg
A1-A3 GWP <sub>total</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>fossil</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>biogenic</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>luluc</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>(total-biogent)</sub> / kg **
67,7	95,1	-27,5	0,16	1,38

\* 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: 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

## 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	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	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	2017v1.1	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.
	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 (Husproduktportalen)  
Yes - NorDan EL - KT995  
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 Byggarubedömningen. 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