

# Byggevaredeklarasjon - NorDan Utadslående Ytterdør Linjalen 838G

Marked:



Dokument ID: 000DEQ(1.00)

Dato: 6 Februar 2024

Side: 1 av 6

Produktegenskap: Brann

Gjelder for produktkoder:  
1B: 838G

## 1. Company information

### NorDan AB

Grebbestadsvägen 8  
457 91 Tanumshede - Sweden  
Organization number: 556294-4529

Contact person: Jonas Jonsson  
Email: [jonas.jonsson@nordan.se](mailto:jonas.jonsson@nordan.se)  
Telephone number: +46 (0) 10-130 01 68  
ISO certifications: ISO 9001  
ISO 14001

## 2. Product data

Trade name: NorDan Bor External Door - 838 (Ei30, with glass) Declared size: 990x2088 mm  
Product classification: BK04 Product Group ID: 04001  
Description of goods: NorDan Bor External Door - 838 Fire-rated entrance door Ei30 (with glass) in size 990x2088 mm is covered in this BPD Declaration of Performance: DoP-NDAB-1B-BLF-031v1  
Estimated technical lifetime: 30 years Declared class configuration: 6,76E+18G+17  
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: 838  
\* link to NorDan's public document system, NDOcs

## 3. Chemical content

Product weight: 98,01 kg Date for the declaration: 2024-02-06  
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	Chemsec SIN-list	Svenska PRIO-listan	Den norske prioritetslista
<b>Total</b>	<b>100,00%</b>												
1. Frame	14,13%												
2. Sash	70,09%												
3. IGU - Insulated glass unit	12,10%												
4. Plastic parts	0,12%												
5. Seals, rubber & TPU parts	0,89%												
6. Metal parts	2,66%												
<b>1. Frame</b>	<b>14,13%</b>	<b>100,0%</b>											
<b>Wood material frame</b>	<b>11,85%</b>	<b>83,88%</b>											
Frame top	11,85%	83,88%	Untreated pine, finger jointed		11,848%	83,879%							
<b>Threshold</b>	<b>1,84%</b>	<b>13,04%</b>											
Threshold Beech	0,72%	5,10%	Beech heat treated		0,720%	5,095%							
Threshold alu.profile	1,12%	7,94%	Aluminium 6060		1,122%	7,943%							
<b>Wood treatment &amp; Coating</b>	<b>0,31%</b>	<b>2,18%</b>											
Wood preservative	0,00%	0,03%	Propiokonazol	60207-90-1	0,000%	0,001%	H302 H317 H360 H400 H410			✓	✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>													
Primer	0,16%	1,14%	1,1,1-trimetylolpropan	77-99-6	0,000%	0,003%	2.H361fd						
<i>Note: two-component polyester acrylate primer</i>			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,000%	0,003%	H332 H317 H372 H411						
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,000%	0,003%	H318 H317 H373						
Hardner Primer	0,05%	0,35%	Toluendiisocyanat	26471-62-5	0,000%	0,003%	H330 H315 H319 H334 H317 H351 H335 H412		✓			✓	

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Note: Hardner for two-component polyester acrylate primer																			
Topcoat	0,08%	0,55%	Two-component alkyd based topcoat			0,077%	0,546%												
Note: two-component alkyd based topcoat																			
Hardner, topcoat	0,02%	0,12%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5		0,004%	0,030%	H319 H317											
Note: hardner for two-component alkyd based topcoat			Hexamethylene diisocyanate, oligomers	28182-81-2		0,003%	0,020%	H332 H317 H335											
			hexametylen-1,6-diisocyanat	822-06-0		0,000%	0,000%	H331 H315 H319 H334 H317 H335				✓						✓	
<b>Adhesive &amp; Sealer</b>	<b>0,13%</b>	<b>0,90%</b>																	
Adhesiv, finger joints, frame	0,12%	0,85%	Polyvinyl acetate emul. Waterbased.			0,120%	0,847%												
Note: PVAc dispersion adhesive																			
Elastic sealants	0,01%	0,06%	Trimethoxyvinylsilane	2768-02-7		0,0000%	0,0003%												✓
Note: SMP-based (Silyl Modifierad Polymer)																			
<b>2. Sash</b>	<b>70,09%</b>	<b>100,0%</b>																	
<b>Wood material frame</b>	<b>11,98%</b>	<b>17,09%</b>																	
Frame door leaf	8,83%	12,60%	Untreated pine, finger jointed			8,830%	12,598%												
Glass frame	3,15%	4,50%	Untreated pine, finger jointed			3,152%	4,497%												
<b>Fiber board</b>	<b>47,43%</b>	<b>67,66%</b>																	
Insulation softboard	34,79%	49,63%	Timber			31,136%	44,420%												
			MDI Resin	9016-87-9		2,748%	3,921%												
			Paraffin wax	8002-74-2		0,522%	0,744%												
			Polyvinyl acetate emul. Waterbased.			0,383%	0,546%												
MDF-board	11,03%	15,74%	Timber			9,983%	14,242%												
			MDI Resin	9016-87-9		0,882%	1,259%												
			Paraffin wax	8002-74-2		0,165%	0,236%												
Glazing strip	1,61%	2,29%	Timber			1,455%	2,075%												
			MDI Resin	9016-87-9		0,129%	0,183%												
			Paraffin wax	8002-74-2		0,024%	0,034%												
<b>Steel plate</b>	<b>9,42%</b>	<b>13,44%</b>																	
Steel-plate	9,42%	13,44%	EN 10346			9,138%	9,138%												
			Coating			0,283%	0,283%												
<b>Wood treatment &amp; Coating</b>	<b>0,69%</b>	<b>0,98%</b>																	
Primer	0,32%	0,46%	1,1,1-trimetylpropan	77-99-6		0,001%	0,001%	2.H361fd											
Note: two-component polyester acrylate primer			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4		0,001%	0,001%	H332 H317 H372 H411											
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3		0,001%	0,001%	H318 H317 H373											
Hardner Primer	0,10%	0,14%	Toluendiisocyanat	26471-62-5		0,001%	0,001%	H330 H315 H319 H334 H317 H351 H335 H412				✓						✓	
Note: Hardner for two-component polyester acrylate primer																			
Topcoat	0,22%	0,32%	Two-component alkyd based topcoat			0,223%	0,319%												
Note: two-component alkyd based topcoat																			
Hardner, topcoat	0,05%	0,07%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5		0,012%	0,018%	H319 H317											
Note: hardner for two-component alkyd based topcoat			Hexamethylene diisocyanate, oligomers	28182-81-2		0,008%	0,012%	H332 H317 H335											
			hexametylen-1,6-diisocyanat	822-06-0		0,000%	0,000%	H331 H315 H319 H334 H317 H335				✓						✓	



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**NorDan**<sup>®</sup>

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4. Plastic parts		0,12%	100,0%															
Cover plugs	0,05%	37,17%	LDPE	9002-88-4	0,046%	37,175%												
Cover plugs	0,00%	2,77%	LLDPE	9002-88-4	0,003%	2,774%												
Brush-list	0,07%	60,05%	PP-foam	9010-79-1	0,074%	60,051%												
5. Seals, rubber & TPU parts		0,89%	100,0%															
Silicone gaskets	0,44%	48,79%	Silikonummi	63394-02-5	0,436%	48,786%												
EPDM-sealing	0,08%	8,64%	EPDM polymer	25038-36-2	0,027%	3,026%												
			Carbon black	1333-86-4	0,015%	1,729%												
			Paraffin oils	8012-95-1	0,015%	1,729%												
			Calcium carbonate	471-34-1	0,019%	2,161%												
Intumescent flame retardant system	0,38%	42,57%	Sulphuric acid, compound with graphite	12777-87-6	0,152%	17,028%												
Note: halogen free			Polyphosphoric acids, ammonium salts	68333-79-9	0,152%	17,028%												
			Acetic acid, ethenyl ester, polymer with ethene	429-840-1	0,152%	17,028%												
6. Metal parts		2,66%	100,0%															
Hinge Frame	0,80%	29,96%	DC01(Q235)		0,589%	0,005%												
			PA6		0,006%	0,002%												
			SS304		0,081%	0,024%												
			ML08AL/HG215		0,121%	0,036%												
			Coating		0,001%	0,000%												
Non-alloy steel, DC01	0,65%	24,34%	DC01(Q235)		0,589%	0,143%												
			PA6		0,006%	0,001%												
			ML08AL		0,053%	0,013%												
			Coating		0,001%	0,000%												
Lock case ASSA 2002	0,71%	26,82%	Steel	EN 1.0346, EN 1.0401. EN	0,621%	23,332%												
			Zinc	ZZnAlD4	0,057%	2,145%												
			Stainless steel	EN 1.0330	0,036%	1,341%												
			Plastic	PP, PA	0,007%	0,268%												
Strike plate	0,31%	11,49%	Steel	EN 10149-2	0,214%	8,045%												
			Steel	SS-EN 10139	0,009%	0,345%												
			Galvanized steel		0,092%	3,448%												
			Steel	DC03	0,018%	0,690%												
			Steel	4,8 ISO 7046	0,009%	0,345%												
Screws																		
Screws A2	0,13%	4,99%	Stainless steel	EN 1.4301	0,133%	4,985%												
Screws	0,06%	2,41%	Galvanized steel		0,064%	2,408%												

## 4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,09%	Wood	71,98%
Glass	28,00%	3,14%		
Steelplate	20,00%	1,88%		

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



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## 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 <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-biogenic)</sub> / 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: **24,42%**

Material	Weight % of whole item	Waste code
Aluminium	1,12%	EWC 170402
Metal	12,08%	EWC 170407
Glass	11,21%	EWC 200102

Is energy recovery possible? **Yes**

Energy recovery rate: **75,58%**

Material	Weight % of whole item	Waste code
Wood with sealant	74,57%	EWC 170201
Plastic/rubber	1,02%	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

**BREEM<sup>®</sup> NOR**

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)

**BREEM<sup>®</sup> SE**

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	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	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 (Husproduktspalten)  
Yes - NorDan Linjalen CYD 838 G Rw35/EI30  
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



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