



Gjelder for produktkoder:

1B: 835, 302, 310, 312, 314, 848, 870, 871, 872, 875, 892, 911, 992

1. Company information

NorDan AB

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Organization number: 556294-4529

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ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan Bor external door with decor panels (without window) Declared size: 990X2088 mm

Product classification: BK04 Product Group ID: 04001

Description of goods: NorDan Bor external door with decor panels (without window) in size 990x2088 mm is declared in this BPD. Declaration of Performance: DoP-NDAB-1B-BLB-001v1
This BPD is based on the model 834 Venus and covers several door models. Minor differences in material consumption on the following models 373, 806, 833 and 834.

Estimated technical lifetime: 30 years

URL* to public product documentation: https://portal.nordan.no/ndocs/search?category=document_EPD

Product Code: 835

* link to NorDan's public document system, NDOcs

3. Chemical content

Product weight: 49,52 kg Date for the declaration: 2024-01-25
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
Total	100,00%											
1. Frame	27,96%											
2. Sash	66,06%											
3. Plastic parts	0,04%											
4. Seals, rubber & TPU parts	0,75%											
5. Metal parts	5,20%											
1. Frame	27,96%	100,0%										
Wood material frame	23,45%	83,88%										
Frame	23,4%	83,88%	Untreated pine, finger jointed		23,449%	83,879%						
Threshold	3,65%	13,04%										
Threshold Beech	1,4%	5,10%	Beech heat treated		1,424%	5,095%						
Threshold alu.profile	2,2%	7,94%	Aluminium 6060		2,221%	7,943%						
Wood treatment & Coating	0,61%	2,18%										
Wood preservative	0,009%	0,03%	Propiconazole	60207-90-1	0,0002%	0,0006%	H302 H317 H360 H400 H410		✓	✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>												
Primer	0,317%	1,14%	1,1,1-trimetylolpropan	77-99-6	0,0010%	0,0034%	2.H361fd					
<i>Note: two-component polyester acrylate primer</i>			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,0010%	0,0034%	H332 H317 H372 H411					

Byggevarerdeklarasjon - NorDan Utadslående Ytterdør med spor, uten glass

Marked:



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			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,0010%	0,0034%	H318 H317 H373						
Hardener Primer	0,097%	0,35%	Toluendiisocyanat	26471-62-5	0,0010%	0,0035%	H330 H315 H319 H334 H317 H351 H335 H412	✓					✓
<i>Note: Hardener for two-component polyester acrylate primer</i>													
Topcoat	0,153%	0,55%	Two-component alkyd based topcoat		0,1527%	0,5463%							
<i>Note: two-component alkyd based topcoat</i>													
Hardener, topcoat	0,034%	0,12%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5	0,0084%	0,0301%	H319 H317						
<i>Note: hardener for two-component alkyd based topcoat</i>			Hexamethylene diisocyanate, oligomers	28182-81-2	0,0057%	0,0205%	H332 H317 H335						
			hexametylen-1,6-diisocyanat	822-06-0	0,0001%	0,0004%	H331 H315 H319 H334 H317 H335	✓					✓
Adhesive & Sealer	0,25%	0,90%											
Adhesive, finger joints, frame	0,24%	0,85%	Polyvinyl acetate emul. Water based.		0,2369%	0,847%							
<i>Note: PVAc dispersion adhesive</i>													
Elastic sealants	0,01%	0,06%	Trimethoxyvinyilsilane	2768-02-7	0,000%	0,000%	H226 H332 H317						✓
<i>Note: SMP-based (Silyl Modifiserad Polymer)</i>													
2. Sash	66,06%	100,0%											
Wood material frame	17,48%	26,45%											
Frame door leaf	17,5%	26,45%	Untreated pine, finger jointed		17,476%	26,455%							
Steel-plate	18,17%	27,50%											
Steel plate	18,2%	27,50%	EN 10346		17,625%	26,679%							
			Coating		0,545%	0,825%							
Fiber board	24,87%	37,65%											
MDF	24,87%	37,65%	Timber		22,511%	34,077%							
			MDI Resin	9016-87-9	1,990%	3,012%							
			Paraffin wax	8002-74-2	0,373%	0,565%							
Insulation	3,13%	4,74%											
EPS-insulation	3,13%	4,74%	Polystyrene	9003-53-6	3,066%	4,642%							
			n-Pentane	109-66-0	0,063%	0,095%							
			Isopentane	78-78-4	0,063%	0,095%							
Wood treatment & Coating	1,58%	2,39%											
Primer	0,73%	1,11%	1,1,1-trimetylolpropan	77-99-6	0,0022%	0,0033%	2.H361fd						
<i>Note: two-component polyester acrylate primer</i>			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,0022%	0,0033%	H332 H317 H372 H411						
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,0022%	0,0033%	H318 H317 H373						
Hardener Primer	0,22%	0,34%	Toluendiisocyanat	26471-62-5	0,0022%	0,0034%	H330 H315 H319 H334 H317 H351 H335 H412	✓					✓
<i>Note: Hardener for two-component polyester acrylate primer</i>													
Topcoat	0,51%	0,77%	Two-component alkyd based topcoat		0,5102%	0,7723%							
<i>Note: two-component alkyd based topcoat</i>													
Hardener, topcoat	0,11%	0,17%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5	0,0281%	0,0426%	H319 H317						

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Note: hardener for two-component alkyd based topcoat			Hexamethylene diisocyanate, oligomers	28182-81-2	0,0191%	0,0290%	H332 H317 H335						
			hexametylen-1,6-diisocyanat	822-06-0	0,0003%	0,0005%	H331 H315 H319 H334 H317 H335	✓				✓	
Adhesive & Sealer	0,83%	1,26%											
Adhesiv, finger joints, frame	0,18%	0,27%	Polyvinyl acetate emul. Waterbased.		0,177%	0,267%							
Note: PVAc dispersion adhesive													
Adhesive door leaf	0,56%	0,84%	1,2-benzisotiazol-3(2H)-on	2682-20-4	0,000%	0,000%	EUH071, H301, H311, H314, H317, H318, H330, H400, H410						✓
Note: two-component EPI adhesive			reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	0,00001%	0,00001%	EUH071, H301, H310, H314, H317, H318, H330, H400, H410						✓
			bronopol (INN)	52-51-7	0,00028%	0,00042%	H302 H312 H315 H318 H335 H400						
Hardner to adhesive door leaf	0,10%	0,15%	Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	0,1000%	0,1514%	H315, H317, H319, H332, H334, H335, H373						
Note: two-component EPI adhesive			Isocyanic acid, polymethylenepolyphenylene ester, polymer with alpha-methyl-omega-hydroxypoly(oxy-1,2-ethanediy)	70644-56-3	0,0050%	0,0076%	H315, H319, H334, H335, H351, H373						
3. Plastic parts	0,04%	100,0%											
Cover plugs	0,007%	19,23%	LLDPE	9002-88-4	0,007%	19,232%							
Cover plugs	0,028%	80,77%	LLDPE	9002-88-4	0,028%	80,768%							
4. Seals, rubber & TPU parts	0,75%	100,0%											
Main gasket	0,59%	78,84%	Silicone rubber	63394-02-5	0,591%	78,840%							
Sealing in frame	0,01%	1,72%	Polyeten-foam	933-091-9	0,013%	1,724%							
Brush-list	0,15%	19,44%	PP	9010-79-1	0,146%	19,437%							
5. Metal parts	5,20%	100,0%											
Hinge Frame	1,58%	30,37%	DC01(Q235)		1,165%	0,018%							
			PA6		0,012%	0,004%							
			SS304		0,161%	0,049%							
			ML08AL/HG215		0,239%	0,073%							
			Coating		0,001%	0,000%							
Hinge Door leaf	1,28%	24,68%	DC01(Q235)		1,165%	0,288%							
			PA6		0,012%	0,003%							
			ML08AL		0,104%	0,026%							
			Coating		0,001%	0,000%							
Lock case ASSA 2002	1,41%	27,19%	Steel	EN 1.0346, EN 1.0401, EN 1.0984	1,230%	23,657%							
			Zinc	ZZnA1D4	0,113%	2,175%							
			Stainless steel	EN 1.0330	0,071%	1,360%							
			Plastic	PP, PA	0,014%	0,272%							
Strike plate	0,61%	11,65%	Steel	EN 10149-2	0,42%	8,158%							
			Steel	SS-EN 10139	0,02%	0,350%							
			Galvanized steel		0,18%	3,496%							
			Steel	DC03	0,04%	0,699%							
			Steel	4,8 ISO 7046	0,018%	0,350%							
Screws													
Screws A2	0,19%	3,66%	Stainless steel	EN 1.4301	0,190%	3,659%							
Screws	0,13%	2,44%	Galvanized steel		0,127%	2,441%							



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4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,18%	Wood	67,22%
Steelplate	20,00%	3,63%		

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-5995-5267

EPD, declared size: 1230x2180

EPD-Name: NorDan Bor External Door with grooved decor (without glass)

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 **
53,0	129,9	-77,9	1,07	1,80

* 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: 25,59%

Material	Weight % of whole item	Waste code
Aluminium	2,22%	EWC 170402
Metal	23,37%	EWC 170407



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Is energy recovery possible?	Yes	
Energy recovery rate	74,41%	
Material	Weight % of whole item	Waste code
Wood with sealant	73,63%	EWC 170201
Plastic/rubber	0,78%	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	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			
	v6.1	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	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
	2013v2.0			
	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 (Husproduktspalten)

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 Byggvarubedømmingen
	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