



Gjelder for produktkoder:

1B: 839G3, 801G, 819G, 831G, 831G2, 836G, 836G3, 847G, 847G3, 865G, 898G

1. Company information

NorDan AB

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ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan Bor External Door (with glass) Declared size: 990x2088 mm

Product classification: BK04 Product Group ID: 04001

Description of goods: NorDan Bor external door triple glazed in size 990x2088 mm is covered in this BPD. This BPD is based on the model 839G3 Kvadraten and covers several door models. Minor differences in material consumption on the following models 801G, 819G, 831G, 831G2, 836G, 836G3, 847G3, 865G, 898G Declaration of Performance: DoP-NDAB-1B-BLB-001v1

Estimated technical lifetime: 30 years Standard glass unit: 4+14G+4+14G+4 and 4#+14G+4+14G+4#

URL to public product documentation: https://portal.nordan.no/ndocs/search?category=document_EPD Product Code: 839G3

* link to NorDan's public document system, NDOcs

3. Chemical content

Product weight: 58,2 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	Chemsec SIN-list	Svenska PRIO-listan	Den norske prioritetslista
Total	100,00%											
1. Frame	23,79%											
2. Sash	59,65%											
3. IGU - Insulated glass unit	11,24%											
4. Plastic parts	0,09%											
5. Seals, rubber & TPU parts	0,74%											
6. Metal parts	4,50%											
1. Frame	23,79%	100,0%										
Wood material frame	19,95%	83,88%										
Frame	20,0%	83,88%	Untreated pine, finger jointed		19,952%	83,879%						
Threshold	3,10%	13,04%										
Threshold Beech	1,2%	5,10%	Beech heat treated		1,212%	5,095%						
Threshold alu.profile	1,9%	7,94%	Aluminium 6060		1,890%	7,943%						
Wood treatment & Coating	0,52%	2,18%										
Wood preservative	0,007%	0,03%	Propiconazole	60207-90-1	0,0001%	0,0006%	H302 H317 H360 H400 H410		✓	✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>												
Primer	0,270%	1,14%	1,1,1-trimetylopropan	77-99-6	0,0008%	0,0034%	2.H361fd					
<i>Note: two-component polyester acrylate primer</i>			Fatty acids, C18-unsatd, trimers, compds. with oleylamine	147900-93-4	0,0008%	0,0034%	H332 H317 H372 H411					
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,0008%	0,0034%	H318 H317 H373					

Byggevarerdeklarasjon - NorDan Utadslående Ytterdør, med glass

Marked:



NorDan

Dokument ID: 000CA9(2.01)

Dato: 24 Januar 2024

Side: 2 av 6

Gjelder for produktkoder:

1B: 839G3, 801G, 819G, 831G, 831G2, 836G, 836G3, 847G, 847G3, 865G, 898G

Hardener Primer	0,082%	0,35%	Toluendiisocyanat	26471-62-5	0,0008%	0,0035%	H330 H315 H319 H334 H317 H351 H335 H412	✓	✓
<i>Note: Hardener for two-component polyester acrylate primer</i>									
Topcoat	0,130%	0,55%	Two-component alkyd based topcoat		0,1299%	0,5463%			
<i>Note: two-component alkyd based topcoat</i>									
Hardener, topcoat	0,029%	0,12%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5	0,0072%	0,0301%	H319 H317		
<i>Note: hardener for two-component alkyd based topcoat</i>			Hexamethylene diisocyanate, oligomers	28182-81-2	0,0049%	0,0205%	H332 H317 H335		
			hexametylen-1,6-diisocyanat	822-06-0	0,0001%	0,0004%	H331 H315 H319 H334 H317 H335	✓	✓
Adhesive & Sealer	0,21%	0,90%							
Adhesive, finger joints, frame	0,20%	0,85%	Polyvinyl acetate emul. Water based.		0,2015%	0,847%			
<i>Note: PVAc dispersion adhesive</i>									
Elastic sealants	0,01%	0,06%	Trimethoxyvinylsilane	2768-02-7	0,000%	0,001%			✓
<i>Note: SMP-based (Silyl Modified Polymer)</i>									
2. Sash	59,65%	100,0%							
Wood material frame	20,03%	33,58%							
Frame door leaf	14,9%	24,93%	Untreated pine, finger jointed		14,870%	24,931%			
Glass frame	5,2%	8,65%	Untreated pine, finger jointed		5,161%	8,653%			
Steel-plate	13,49%	22,61%							
Steel plate	13,5%	22,61%	EN 10346		13,084%	21,936%			
			Coating		0,405%	0,678%			
Fiber board	21,93%	36,76%							
MDF	19,55%	32,77%	Timber		17,690%	29,659%			
			MDI Resin	9016-87-9	1,564%	2,622%			
			Paraffin wax	8002-74-2	0,293%	0,492%			
Glass strip	2,38%	3,99%	Timber		2,153%	3,610%			
			MDI Resin	9016-87-9	0,190%	0,319%			
			Paraffin wax	8002-74-2	0,036%	0,060%			
Insulation	2,12%	3,56%							
EPS-insulation	2,12%	3,56%	Polystyrene	9003-53-6	2,082%	3,490%			
			n-Pentane	109-66-0	0,042%	0,071%			
			Isopentane	78-78-4	0,042%	0,071%			
Wood treatment & Coating	1,22%	2,04%							
Primer	0,56%	0,95%	1,1,1-trimetylpropan	77-99-6	0,0017%	0,0028%	2.H361fd		
<i>Note: two-component polyester acrylate primer</i>			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,0017%	0,0028%	H332 H317 H372 H411		
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,0017%	0,0028%	H318 H317 H373		
Hardener Primer	0,17%	0,29%	Toluendiisocyanat	26471-62-5	0,0017%	0,0029%	H330 H315 H319 H334 H317 H351 H335 H412	✓	✓
<i>Note: Hardener for two-component polyester acrylate primer</i>									
Topcoat	0,39%	0,66%	Two-component alkyd based topcoat		0,3935%	0,6597%			
<i>Note: two-component alkyd based topcoat</i>									
Hardener, topcoat	0,09%	0,15%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5	0,0217%	0,0364%	H319 H317		
<i>Note: hardener for two-component alkyd based topcoat</i>			Hexamethylene diisocyanate, oligomers	28182-81-2	0,0148%	0,0247%	H332 H317 H335		
			hexametylen-1,6-diisocyanat	822-06-0	0,0003%	0,0004%	H331 H315 H319 H334 H317 H335	✓	✓
Adhesive & Sealer	0,86%	1,44%							
Adhesiv, finger joints, frame	0,20%	0,34%	Polyvinyl acetate emul. Waterbased.		0,202%	0,339%			
<i>Note: PVAc dispersion adhesive</i>									
Adhesive door leaf	0,43%	0,71%	1,2-benzisotiazol-3(2H)-on	2634-33-5	0,000%	0,000%	H302 H315 H318 H317 H400		✓
<i>Note: two-component EPI adhesive</i>			reaktionsblandning av 5-klor-2-metyl-2H-isotiazol-3-on och 2-metyl-2H-isotiazol-3-on	55965-84-9	0,00001%	0,00001%	H301 H311 H331 H314 H317 H400 H410		✓



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			Steel	DC03	0,03%	0,688%							
			Steel	4,8 ISO 7046	0,015%	0,344%							
Screws													
Screws A2		0,24%	5,25%	Stainless steel	EN 1.4301	0,236%	5,252%						
Screws		0,11%	2,40%	Galvanized steel		0,108%	2,401%						

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Glass	28,00%	1,97%	Wood	63,12%
Steelplate	20,00%	2,70%		
Aluminium	8,00%	0,15%		

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-5997-5264

EPD, declared size: 1230x2180

EPD-Name: NorDan Bor External Door (with 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 **
66,3	148,8	-83,5	1,07	1,84

* 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: 28,95%

Material	Weight % of whole item	Waste code
Aluminium	1,89%	EWC 170402
Metal	17,99%	EWC 170407
Glass	9,07%	EWC 200102

Is energy recovery possible? Yes

Energy recovery rate 71,05%

Material	Weight % of whole item	Waste code
Wood with sealant	70,22%	EWC 170201
Plastic/rubber	0,83%	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			
	v6.1	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.
	v6.0			
	2016v1.2			
	v6.1	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			
	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 Kvadraten CYD 839 G3

SCDP (Supply Chain Declaration Portal)



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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



No

Swan Ecolabel isn't available for the product today