

Gjelder for produktkoder:
1B: 838G

1. Company information

NorDan AB

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ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan Bor External Door - 838G (with glass) Declared size: 990x2088 mm
Product classification: BK04 Product Group ID: 04001
Description of goods: NorDan Bor External Door 838G Linjalen in size 990x2088 mm is covered in this BPD. Declaration of Performance: DoP-NDAB-1B-BLB-001v1
Estimated technical lifetime: 30 years Standard glass unit: 4#+16G+4+14G+4#URL* to public product documentation: <https://portal.nordan.no/ndocs/search?category=document> EPD Product Code: 838G

* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 59,92 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	23,11%											
2. Sash	56,50%											
3. IGU - Insulated glass unit	15,21%											
4. Plastic parts	0,09%											
5. Seals, rubber & TPU parts	0,74%											
6. Metal parts	4,36%											
1. Frame	23,11%	100,0%										
Wood material frame	19,38%	83,88%										
Frame	19,4%	83,88%	Untreated pine, finger jointed		19,381%	83,879%						
Threshold	3,01%	13,04%										
Threshold Beech	1,2%	5,10%	Beech heat treated		1,177%	5,095%						
Threshold alu.profile	1,8%	7,94%	Aluminium 6060		1,835%	7,943%						
Wood treatment & Coating	0,50%	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	0,118%	0,51%	1,1,1-trimetylopropan	77-99-6	0,0004%	0,0015%	2.H361fd					
<i>Note: two-component polyester acrylate primer</i>			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,0004%	0,0015%	H332 H317 H372 H411					
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,0004%	0,0015%	H318 H317 H373					
Hardener Primer	0,036%	0,16%	Toluendiisocyanat	26471-62-5	0,0004%	0,0016%	H330 H315 H319 H334 H317 H351 H335 H412	✓			✓	

Byggevarerdeklarasjon - NorDan Utadslående Ytterdør Linjalen 838G

Marked:



Dokument ID: 000CA2(2.00)

Dato: 25 Januar 2024

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<i>Note: Hardener for two-component polyester acrylate primer</i>										
Topcoat	0,281%	1,21%	Two-component alkyd based topcoat		0,2806%	1,2144%				
<i>Note: two-component alkyd based topcoat</i>										
Hardener, topcoat	0,062%	0,27%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5	0,0155%	0,0670%	H319 H317			
<i>Note: hardener for two-component alkyd based topcoat</i>										
			Hexamethylene diisocyanate, oligomers	28182-81-2	0,0105%	0,0456%	H332 H317 H335			
			hexametylen-1,6-diisocyanat	822-06-0	0,0002%	0,0008%	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.		0,1958%	0,847%				
<i>Note: PVAc dispersion adhesive</i>										
Elastic sealants	0,01%	0,06%	Trimethoxyvinylsilane	2768-02-7	0,0001%	0,0003%	H226, H332, H317			✓
<i>Note: SMP-based (Silyl Modifjered Polymer)</i>										
2. Sash	56,50%	100,0%								
Wood material frame	19,60%	34,69%								
Frame door leaf	14,4%	25,57%	Untreated pine, finger jointed		14,444%	25,567%				
Glass frame	5,2%	9,13%	Untreated pine, finger jointed		5,156%	9,127%				
Steel-plate	12,34%	21,84%								
Steel plate	12,3%	21,84%	EN 10346		11,968%	21,184%				
			Coating		0,370%	0,655%				
Fiber board	20,67%	36,59%								
MDF	18,04%	31,94%	Timber		16,329%	28,904%				
			MDI Resin	9016-87-9	1,443%	2,555%				
			Paraffin wax	8002-74-2	0,271%	0,479%				
Glass strip	2,63%	4,65%	Timber		2,379%	4,212%				
			MDI Resin	9016-87-9	0,210%	0,372%				
			Paraffin wax	8002-74-2	0,039%	0,070%				
Insulation	1,92%	3,40%								
EPS-insulation	1,92%	3,40%	Polystyrene	9003-53-6	1,885%	3,336%				
			n-Pentane	109-66-0	0,038%	0,068%				
			Isopentane	78-78-4	0,038%	0,068%				
Wood treatment & Coating	1,13%	2,00%								
Primer	0,52%	0,93%	1,1,1-trimetylopropan	77-99-6	0,0016%	0,0028%	2.H361fd			
<i>Note: two-component polyester acrylate primer</i>										
			Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,0016%	0,0028%	H332 H317 H372 H411			
			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,0016%	0,0028%	H318 H317 H373			
Hardener Primer	0,16%	0,28%	Toluendiisocyanat	26471-62-5	0,0016%	0,0028%	H330 H315 H319 H334 H317 H351 H335 H412	✓		✓
<i>Note: Hardener for two-component polyester acrylate primer</i>										
Topcoat	0,37%	0,65%	Two-component alkyd based topcoat		0,3653%	0,6466%				
<i>Note: two-component alkyd based topcoat</i>										
Hardener, topcoat	0,08%	0,14%	Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	26426-91-5	0,0202%	0,0357%	H319 H317			
<i>Note: hardener for two-component alkyd based topcoat</i>										
			Hexamethylene diisocyanate, oligomers	28182-81-2	0,0137%	0,0243%	H332 H317 H335			
			hexametylen-1,6-diisocyanat	822-06-0	0,0002%	0,0004%	H331 H315 H319 H334 H317 H335	✓		✓
Adhesive & Sealer	0,83%	1,47%								
Adhesiv, finger joints, frame	0,20%	0,35%	Polyvinyl acetate emul. Waterbased.		0,198%	0,350%				
<i>Note: PVAc dispersion adhesive</i>										
Adhesive door leaf	0,39%	0,70%	1,2-benzisotiazol-3(2H)-on	2682-20-4	0,0002%	0,0003%	EUH071, H301, H311, H314, H317, H318, H330, H400, H410			✓

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Strike plate	0,50%	11,49%	Plastic	PP, PA	0,012%	0,268%								
			Steel	EN 10149-2	0,35%	8,045%								
			Steel	SS-EN 10139	0,02%	0,345%								
			Galvanized steel		0,15%	3,448%								
			Steel	DC03	0,03%	0,690%								
			Steel	4,8 ISO 7046	0,015%	0,345%								
Screws														
Screws A2	0,22%	4,99%	Stainless steel	EN 1.4301	0,217%	4,985%								
Screws	0,10%	2,41%	Galvanized steel		0,105%	2,408%								

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Glass	28,00%	1,19%	Wood	60,83%
Steelplate	20,00%	2,47%		
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-4181-3405

EPD, declared size: 1230x2180

EPD-Name: NorDan Bor Ytterdørr 838G Linjalen

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 **
55,5	140,7	-86,3	1,13	1,76

* 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: 31,34%

Material	Weight % of whole item	Waste code
Aluminium	1,84%	EWC 170402
Metal	16,69%	EWC 170407
Glass	12,81%	EWC 200102

Is energy recovery possible? Yes

Energy recovery rate 68,66%

Material	Weight % of whole item	Waste code
Wood with sealant	67,83%	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



Version	Material	Requirement	Compliance	Notes
v6.1	Mat01	Yes	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	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	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)
v6.1				
v6.0				
2016v1.2				



Version	Material	Requirement	Compliance	Notes
v6.0 2017v1.1	Mat01	Yes	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	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	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				
2013v2.0	Mat08	Yes	Yes	Product does not contain phase-out substances (according to KEMI's definition) above classification limits



Version	Material	Requirement	Compliance	Notes
3.0 / 3.1 / 3.2	Ind 13	Gold	Yes	Public e-bvd or equivalent available
	Ind 14	Gold	Yes	Attention MB sets requirements for emissions. Check these manually to ensure compliance!
	Ind 15	Yes	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	Yes	Public content declaration according to bvd3 is available
	Ind 15	Gold	Yes	The product does not contain phase-out substances according to KEMI's definition above classification limits
4.0	Ind 4	Yes	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
	Ind 9	Silver	Yes	The product does not contain U, R or endocrine disruptors on Chemsec's SIN list of classification limits
	Ind 15	Gold	Yes	Public e-bvd or equivalent available

Nordic Swan Ecolabel buildings

HPP (Husproduktportalen)
Yes - NorDan Linjalen CYD 838 G

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 Byggvarubedömningen. Name: NorDan Bor CYD 838 G 10x21 Standard



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