

Byggevaredeklarasjon - NTech Villa Sikkerhetsdør, BE

Marked:



Dokument ID: 000D3B(1.02)

Dato: 11 Januar 2024

Side: 1 av 8

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Gjelder for produktkoder:

BE

1. Company information

NorDan AS

Stasjonsveien 46
N-4460 Moi - Norway
Organization number: 979776233

Contact person: Linda Jonsson
Email: linda.jonsson@nordan.se
Telephone number: +46 (0) 10-130 01 75
ISO certifications: ISO 9001
ISO 14001

2. Product data

Trade name: NorDan NTech Villa Balcony door (security) - BE 105/80 Declared size: 1230x2180 mm

Product classification: BK04 Product Group ID: 04111

Description of goods: NorDan NTech Villa Balcony door (security) - BE 105/80 in size 1230x2180 mm tripple glazed 4E#+16G+4+16G+#E4 with aluminium cladding is covered in this BPD Declaration of Performance: DoP-ND-100-1

Estimated technical lifetime: 60 years

URL* to public product documentation: https://portal.nordan.no/ndocs/search?category=document_FPD Product Code: BE

* link to NorDan's public document system, NDocs

3. Chemical content

Product weight: 102,95 kg Date for the declaration: 2024-01-11

Material content is declared to: 100% The content is checked against the candidate list, edition: 2023-06-14

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%												
1. Frame	12,01%												
2. Sash	15,50%												
3. IGU - Insulated glass unit	60,32%												
4. Aluminium profiles	6,12%												
5. Plastic parts	0,13%												
6. Seals, rubber & TPU parts	0,65%												
7. Metal parts	5,27%												
1. Frame	12,01%	100%											
Wood material frame	11,16%	92,90%											
Frame side	8,71%	72,55%	Untreated pine, finger jointed		8,71%	72,55%							
Frame top	2,44%	20,36%	Untreated pine, finger jointed		2,44%	20,36%							
Threshold	0,43%	3,62%											
Threshold	0,43%	3,62%	Heat treated pine, finger jointed		0,43%	3,62%							
Wood treatment & Coating	0,29%	2,45%											
Wood preservative	0,004%	0,04%	Propiokonazol	60207-90-1	0,000%	0,001%				✓	✓	✓	

Byggevarerdeklarasjon - NTech Villa Sikkerhetsdør, BE

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Note: Wood preservative to prevent wood rot.																			
Primer	0,10%	0,86%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,000%	0,003%	H332, H317, H372												
Note: Solvent based Zcomp primer. Binder type Polyester acrylate			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,000%	0,003%	H318, H317, H373												
			Propylidynetrimethanol	77-99-6	0,000%	0,003%	H361fd												
Hardner, primer	0,03%	0,26%	m-tolylidene diisocyanate	26471-62-5	0,000%	0,003%	H330, H315, H319, H334, H317, H351, H335, H412					✓							✓
Top Coat	0,16%	1,30%	3-iodo-2-propnyl butylcarbamate	55406-53-6	0,000%	0,003%	H302, H331, H318, H317, H372, H400, H410												✓
Note: Water Based, Acrylic binder.			1,2-benzisothiazol-3(2H)-one	2634-33-5	0,000%	0,001%	H302, H315, H318, H317, H400												✓
			Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	55965-84-9	0,000%	0,000%	H301, H310, H330, H314, H318, H317, H400, H410												✓
Adhesive & Sealant	0,12%	1,03%																	
Adhesive, finger joints, frame	0,11%	0,94%	Polyvinyl acetate emul. Waterbased.			0,11%	0,94%												
Note: PVAc dispersion adhesive																			
Adhesive, frame	0,01%	0,09%	Propylene carbonate	108-32-7	0,000%	0,002%	H319												
Note: One component PVAc adhesive of D4 quality			Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	55965-84-9	0,000%	0,000%	H301, H310, H314, H317, H318, H330, H400, H410, H315, H319												✓
2. Sash	15,50%	100%																	
Wood material sash	14,92%	96,29%																	
Sash top	2,33%	15,01%	Untreated pine, finger jointed			2,33%	15,01%												
Sash side	8,90%	57,41%	Untreated pine, finger jointed			8,90%	57,41%												
Sash bottom	2,29%	14,80%	Untreated pine, finger jointed			2,29%	14,80%												
Sash bottom	1,40%	9,06%	Untreated pine, finger jointed			1,40%	9,06%												
Wood treatment & Coating	0,37%	2,40%																	
Wood perservative	0,01%	0,04%	Propiokonazol	60207-90-1	0,000%	0,001%						✓	✓	✓					
Note: Wood preservative to prevent wood rot.																			
Primer	0,13%	0,84%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,000%	0,003%	H332, H317, H372												
Note: Solvent based Zcomp primer. Binder type Polyester acrylate			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,000%	0,003%	H318, H317, H373												
			Propylidynetrimethanol	77-99-6	0,000%	0,003%	H361fd												
Hardner, primer	0,04%	0,26%	m-tolylidene diisocyanate	26471-62-5	0,000%	0,003%	H330, H315, H319, H334, H317, H351, H335, H412					✓							✓

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			Oxirane,2-[[3-(trimethoxysilyl)propoxy)methyl]	2530-83-8	0,002%	0,004%	H318, H411													
Absorbent	0,60%	0,99%	Zeolites	1318-02-1	0,60%	0,99%														
			Quartz	14808-60-7	0,01%	0,01%														
Argon	0,09%	0,15%	Argon	7440-37-1	0,09%	0,15%														
4. Aluminium profiles	6,12%	100%																		
Aluminium caldding frame, top, side	1,14%	18,68%	EN AW-6060		1,14%	18,68%														
Threshold, outside profile	0,83%	13,49%	EN AW-6060		0,83%	13,49%														
Threshold, inside profile	0,43%	6,97%	EN AW-6060		0,43%	6,97%														
Aluminium caldding sash, bottom	0,10%	1,64%	EN AW-6060		0,10%	1,64%														
Aluminium caldding sash, top, side	1,88%	30,67%	EN AW-6060		1,88%	30,67%														
Aluminium glazing strip, bottom	0,31%	5,08%	EN AW-6060		0,31%	5,08%														
Aluminium glazing strip, top, side	1,05%	17,14%	EN AW-6060		1,05%	17,14%														
Powder coat	0,39%	6,32%	3,9-bis(2,4-di-tertbutylphenoxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane	26741-53-7	0,004%	0,06%	H410													
5. Plastic parts	0,13%	100%																		
Cover plug	0,004%	3,38%	LDPE	9002-88-4	0,004%	3,38%														
Plastic clip	0,02%	18,86%	POM		0,02%	18,86%														
Plastic clip	0,03%	25,27%	PA6	25038-54-4	0,03%	25,27%														
Glazing packer	0,03%	22,83%	LDPE	9002-88-4	0,03%	22,83%														
Glazing packer	0,04%	29,66%	LLDPE	9002-88-4	0,04%	29,66%														
6. Seals, rubber & TPU parts	0,65%	100%																		
Gasket EPDM	0,41%	63,95%	EPDM polymer	25038-36-2	0,14%	22,38%														
			Carbon black	1333-86-4	0,08%	12,79%														
			Paraffin oils	8012-95-1	0,08%	12,79%														
			Calcium carbonate	471-34-1	0,10%	15,99%														
Gasket black	0,12%	18,47%	LDPE liner	9002-88-4	0,06%	9,23%														
			PU foam	9009-54-5	0,06%	9,23%														
Brush-list 4mm	0,02%	2,51%	Polypropylene		0,02%	2,51%														
Gasket black, bottom	0,03%	4,41%	Polypropylene		0,03%	4,41%														
Brush-list 7mm	0,07%	10,66%	Polypropylene		0,07%	10,66%														
7. Metal parts	5,27%	100%																		
Espagnolette	1,56%	29,55%	Steel C45	EN 1.0503	1,23%	23,37%														
			Stainless steel	EN 1.4016	0,15%	2,90%														
			Steel	EN 1.0330	0,08%	1,60%														
			Steel	EN 1.0346	0,06%	1,18%														
			Sintered steel D39	65996-66-9	0,01%	0,15%														
			Steel	EN 1.0718	0,01%	0,12%														
			Polyamide	395661-93-5	0,01%	0,11%														
			POM		0,004%	0,07%														
			Steel	EN 1.0214	0,003%	0,06%														
			Zinc alloy	7440-66-6	0,001%	0,01%														
Cover at center lock	0,01%	0,20%	Stainless Steel	1.4301, 304	0,01%	0,20%														
Handle, outside	0,29%	5,47%	Aluminium AlMg3	EN AW-5754	0,29%	5,42%														



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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%	0,49%	Wood	26,51%
Glass	28,00%	16,12%		

Grade of certified wood: 70-100%

Certification system: PEFC

Comment: The percentage above refers to the certified percentage of the wood raw material included in the production.

Country of origin wood raw material: Finland/ Estonia

Certificate

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-4544-3803

EPD, declared size: 1230x2180

EPD-Name: NorDan NTech Villa Balcony door (security) - BE 105/80 (With Aluminium Cladding)

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 **
153,0	201,9	-49,2	0,23	1,96

* 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 product owner's manual
Does the product place special demands on surrounding building materials? See product owner's manual

Does the product require input goods for operation and maintenance? See product owner's manual

9. Demolition

Is the item prepared for dismantling? Yes
Can the product be separated into pure materials for recycling? Yes, see product 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: 68,97%

Material	Weight % of whole item	Waste code
Aluminium	6,12%	EWC 170402
Metal	5,27%	EWC 170407
Glass	57,58%	EWC 200102

Is energy recovery possible? Yes

Energy recovery rate 31,03%

Material	Weight % of whole item	Waste code
Wood with sealant	27,51%	EWC 170201
Plastic/rubber	3,52%	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			
2016v1.2			



v6.0	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
2017v1.1			
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)
2017v1.1			
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			
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 above classification limits
	Ind 15	Gold	Public e-bvd or equivalent available

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Gjelder for produktkoder:

BE

Nordic Swan Ecolabel buildings

HPP (Husproduktspalten)
ND NTech Villa Säkerhetsdörr - BE Trä, Trä/Alu

SCDP (Supply Chain Declaration Portal)

13. Product Assessment System



No ECOproduct isn't available for the product today.



No The product is not listed in the database from Byggsvarubedömningen.



No The product is not listed in the database from SundaHus.



No The product is not listed in the database from Basta

Nordic Swan Ecolabel

Yes NorDan NTech Villa Balcony door (security) is available as Swan Ecolabel