

Byggevarerdeklarasjon - NTech Villa Fag, BO

Marked:



Dokument ID: 001167(1.00)

Dato: 26 November 2024

Side: 2 av 8

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Gjelder for:

BO

Wood preservative	0,01%	0,04%	Propiconazole	60207-90-1	<0,001%	0,001%	H302, H317, H360D, H400, H410				✓	✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>														
Primer	0,17%	0,93%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,001%	0,003%	H332, H317, H372							
<i>Note: Solvent based 2comp primer. Binder type Polyester acrylate</i>			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,001%	0,003%	H318, H317, H373							
			Propylidynetrimethanol	77-99-6	0,001%	0,003%	H361fd							
Hardner, primer	0,05%	0,28%	M-tolyldiene diisocyanate	26471-62-5	0,001%	0,003%	H330, H315, H319, H334, H317, H351, H335, H412				✓			✓
Top Coat	0,26%	1,40%	3-iodo-2-propynyl butylcarbamate	55406-53-6	0,001%	0,003%	H302, H331, H318, H317, H372, H400, H410							✓
<i>Note: Water Based, Acrylic binder.</i>			1,2-benzisothiazol-3(2H)-one	2634-33-5	<0,001%	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	<0,001%	<0,001%	H301, H310, H330, H314, H318, H317, H400, H410							✓
Adhesive & Sealant	0,20%	1,05%												
Adhesiv, finger joints, frame	0,18%	0,97%	Polyvinyl acetate emul. waterbased.		0,18%	0,97%								
<i>Note: PVAc dispersion adhesive</i>														
Adhesive, frame	0,01%	0,07%	Propylene carbonate	108-32-7	<0,001%	0,002%	H319							
<i>Note: One component PVAc adhesive of D4 quality</i>			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	<0,001%	<0,001%	H301, H310, H314, H317, H318, H330, H400, H410, H315, H319							✓
2. Sash	14,50%	100,0%												
Wood material sash	13,69%	94,40%												
Sash top	1,92%	13,22%	Untreated pine, finger jointed		1,92%	13,22%								
Sash side	9,93%	68,48%	Untreated pine, finger jointed		9,93%	68,48%								
Sash bottom	1,84%	12,70%	Untreated pine, finger jointed		1,84%	12,70%								
Wood treatment & Coating	0,58%	4,00%												
Wood preservative	0,01%	0,04%	Propiconazole	60207-90-1	<0,001%	0,001%	H302, H317, H360D, H400, H410				✓	✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>														
Primer	0,20%	1,41%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,001%	0,004%	H332, H317, H372							
<i>Note: Solvent based 2comp primer. Binder type Polyester acrylate</i>			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,001%	0,004%	H318, H317, H373							

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			Surf. Treatment, Zn-Ni plating			0,001%	0,02%											
Handle	0,27%	2,97%	Aluminium AlMg3	7429-90-5		0,27%	2,94%											
Sliding Hinge R+L	7,16%	79,31%	Steel	DC01, Q235		6,70%	74,24%											
			Stainless steel	1.4401, 316		0,31%	3,46%											
			Steel	Q215		0,09%	0,95%											
			ASA, Acrylonitrile Styrene Acrylate			0,003%	0,03%											
			POM			0,001%	0,01%											
			Surf. Treatment, coating, Zn plating			0,06%	0,62%											
Toppslide R+L	0,55%	6,07%	Steel	DC01 (Q235)		0,41%	4,50%											
			Steel	SAPH440		0,11%	1,19%											
			Steel	ML08AL		0,02%	0,20%											
			POM			0,01%	0,09%											
			Surf. Treatment, coating, Zn plating			0,01%	0,10%											
Centre pivot bushing	0,18%	1,95%	Sintered Steel	FN02050-20		0,11%	1,23%											
			Stainless steel	1,4301, 316		0,03%	0,34%											
			Stainless steel	301		0,01%	0,15%											
			ASA, Acrylonitrile Styrene Acrylate			0,02%	0,24%											
			Surf. Treatment, coating, dacromet			<0,001%	<0,001%											
Screws / Nails																		
Srews Dac-coating	0,06%	0,68%	Steel, coated (not stainless steel)			0,06%	0,68%											
Screws A2	0,05%	0,51%	Stainless steel	1.4301, 304		0,05%	0,51%											
Screws A4	0,04%	0,47%	Stainless steel	1.4401, 316		0,04%	0,47%											
Screws	0,11%	1,18%	Steel, zinc galvanized			0,11%	1,18%											
Nails	0,02%	0,17%	Steel, zinc galvanized			0,02%	0,17%											

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,58%	Wood	31,88%
Glass	28,00%	12,54%		

Grade of certified wood: 70-100%

Certificate

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

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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-6123-5392

EPD, declared size:

1230x1480

EPD-Name: NorDan NTech Villa Multi sash - BO 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 **
129,9	174,3	-44,6	0,21	2,11

* 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: 61,04%

Material	Weight % of whole item	Waste code
Aluminium	7,23%	EWC 170402
Metal	9,02%	EWC 170407
Glass	44,79%	EWC 200102

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Is energy recovery possible?	Yes	
Energy recovery rate	38,96%	
Material	Weight % of whole item	Waste code
Wood with sealant	33,39%	EWC 170201
Plastic/rubber	5,57%	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

Danish Indoor Climate Labelling - Certificate no. 174
ND NTech - EMISSION CLASS 1

Emission measured after 28 days:

TVOC ₂₈	0,27 mg/m ³
Formaldehyde ₂₈	<0,005 mg/m ³

12. Building certification systems



v6.1 v6.0 2016v1.2	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
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)



v6.0 2017v1.1	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 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	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

Nordic Swan Ecolabel buildings

SCDP (Supply Chain Declaration Portal)

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13. Product Assessment System



No

ECOproduct is not available for the product



No

The product is not listed in the database from Byggvarubedømmingen



No

The product is not listed in the database from SundaHus

Nordic Swan Ecolabel

Yes

Swan Ecolabel is available for the product