

Byggevarer deklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Marked:



Dokument ID: 000E1F(1.00)
Dato: 9 April 2024
Side: 2 av 25

Material: Tre + aluminiumKarm: 105Glass: 3-lags

Gjelder for produktkoder:
ZF

Wood treatment & Coating	0,56%	2,24%													
Wood perservative	0,01%	0,04%	Propiokonazol	60207-90-1	0,000%	0,001%				✓	✓	✓			
Note: Wood preservative to prevent wood rot															
Primer	0,19%	0,78%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,001%	0,002%	H332, H317, H372								
Note: Solvent based 2comp primer. Binder type Polyester acrylate			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,001%	0,002%	H318, H317, H373								
			Propylidynetrimethanol	77-99-6	0,001%	0,002%	H361fd								
Hardner, primer	0,06%	0,24%	M-tolyldiene diisocyanate	26471-62-5	0,001%	0,002%	H330, H315, H319, H334, H317, H351, H335, H412		✓					✓	
Top Coat	0,29%	1,18%	3-iodo-2-propynyl butylcarbamate	55406-53-6	0,001%	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	0,26%	1,04%													
Adhesiv, finger joints, frame	0,24%	0,98%	Polyvinyl acetate emul. waterbased		0,24%	0,98%									
Note: PVAc dispersion adhesive															
Adhesive, frame	0,01%	0,06%	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	6,08%	100,0%													
Wood material sash	5,69%	93,69%													
Sash top, side	4,93%	81,13%	Untreated pine, finger jointed		4,93%	81,13%									
Sash bottom	0,76%	12,56%	Untreated pine, finger jointed		0,76%	12,56%									
Wood treatment & Coating	0,24%	3,89%													
Wood perservative	0,002%	0,04%	Propiokonazol	60207-90-1	0,000%	0,001%				✓	✓	✓			
Note: Wood preservative to prevent wood rot															
Primer	0,08%	1,37%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,000%	0,004%	H332, H317, H372								
Note: Solvent based 2comp primer. Binder type Polyester acrylate			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,000%	0,004%	H318, H317, H373								
			Propylidynetrimethanol	77-99-6	0,000%	0,004%	H361fd								
Hardner, primer	0,03%	0,42%	M-tolyldiene diisocyanate	26471-62-5	0,000%	0,004%	H330, H315, H319, H334, H317, H351, H335, H412		✓					✓	

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Top Coat	0,13%	2,07%	3-iodo-2-propynyl butylcarbamate	55406-53-6	0,000%	0,005%	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	0,15%	2,41%													
Adhesiv, finger joints, sash	0,06%	0,95%	Polyvinyl acetate emul. waterbased		0,06%	0,95%									
Note: PVAc dispersion adhesive															
Adhesive, sash	0,01%	0,25%	Propylene carbonate	108-32-7	0,000%	0,01%	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							✓	
Sealant	0,07%	1,22%	Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	0,004%	0,06%	H304					✓	✓		
Note: 1-component sealant, based on SMX polymer			Trimethoxyvinylsilane	2768-02-7	0,001%	0,01%	H226, H332, H317							✓	
			Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	EU nr: 432-430-3	0,004%	0,06%	H413							✓	
			N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	0,001%	0,01%	H317, H318, H335								
			Dioctylbis(pentane-2,4-dionato-0,0')tin	54068-28-9	0,001%	0,01%	H317, H371								
3. IGU - Insulated glass units	58,20%	100,0%													
Float glass, coated	35,70%	61,34%	Flat glass, coated	65997-17-3	35,70%	61,34%									
Float glass	17,85%	30,67%	Flat glass, uncoated	65997-17-3	17,85%	30,67%									
Spacer	1,21%	2,07%	Stainless steel	EN 1.4372	0,07%	0,11%									
			Polypropylene	9003-07-0	1,14%	1,96%									
Primary seal	0,23%	0,40%	Carbon black	1333-86-4	0,12%	0,20%									
Secondary seal part A	1,89%	3,25%	Polyurethane glass sealant		1,89%	3,25%									
Secondary seal part B	0,21%	0,36%	Di-"isononyl" phthalate	28553-12-0	0,11%	0,18%				✓		✓			
			Polymeric MDI	9016-87-9	0,06%	0,11%	H315, H317, H319, H332, H334, H335, H351								
			4,4'-methylenediphenyl diisocyanate	101-68-8	0,01%	0,02%	H315, H317, H319, H332, H334, H335, H351			✓				✓	
			Carbon black	1333-86-4	0,01%	0,02%									
			Zeolites	1318-02-1	0,01%	0,02%									
			Oxirane, 2-[[3-(trimethoxysilyl)propoxy]methyl]	2530-83-8	0,004%	0,01%	H318, H411								

[illegible]

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Material: Tre + aluminium

Karm: 105

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Gjelder for produktkoder:

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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%	0,55%	Wood	29,65%
Glass	28,00%	14,99%		

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	

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-5945-5227
EPD, declared size:	1230x1480	EPD-Name:	NorDan NTech One Fixed frame with sash - ZF 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 **
107,8	147,4	-39,9	0,20	1,91

* 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:		63,41%
Material	Weight % of whole item	Waste code
Aluminium	6,86%	EWC 170402
Metal	3,00%	EWC 170407
Glass	53,55%	EWC 200102

Is energy recovery possible? Yes

Energy recovery rate		36,59%
Material	Weight % of whole item	Waste code
Wood with sealant	30,85%	EWC 170201
Plastic/rubber	5,75%	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	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	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			
	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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Nordic Swan Ecolabel buildings

HPP (Husproduktspaltenen)
-
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 Byggvarubedömningen
	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	Swan Ecolabel is available for the product

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Gjelder for produktkoder:

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Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Side: 10 av 25

Gjelder for produktkoder:

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Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Marked:



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Side: 12 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Marked:



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Side: 13 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Side: 14 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Marked:



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Side: 15 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Marked:



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Side: 16 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Side: 17 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Marked:



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Side: 18 av 25

Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Marked:



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Side: 19 av 25

Gjelder for produktkoder:

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Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Gjelder for produktkoder:

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Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Gjelder for produktkoder:

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Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Gjelder for produktkoder:

ZF

Byggevaredeklarasjon - NTech One Fast karm m/Lukkeramme, ZF

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

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Side: 23 av 25

Gjelder for produktkoder:

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Material: Tre + aluminium

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Glass: 3-lags

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Gjelder for produktkoder:

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Material: Tre + aluminium

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Gjelder for produktkoder:

ZF