

Byggevarerdeklarasjon - NorDan Utadslående Ytterdør, med glass

Marked:



NorDan
Dokument ID: 000CA9(3.00)

Dato: 19 November 2024

Side: 3 av 6

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

Hardener to 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>										
Adhesive & Sealer	0,66 %	1,10 %								
Adhesive, door leaf	0,43 %	0,71 %	1,2-benzisotiazol-3(2H)-on	2682-20-4	0,0002	0,0004	EUH071, H301, H311, H314, H317, H318, H330, H400, H410			✓
<i>Note: two-component EPI adhesive</i>										
			reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	0,00001	0,00001	EUH071, H301, H310, H314, H317, H318, H330, H400, H410			✓
			bronopol (INN)	52-51-7	0,0002	0,0004	H302 H312 H315 H318 H335 H400			✓
Hardener to adhesive	0,08 %	0,13 %	Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	0,0763	0,1279	H315, H317, H319, H332, H334, H335, H373			
<i>Note: Hardener for two-component EPI adhesive</i>										
			Isocyanic acid, polymethylenepolyphenylene ester, polymer with alpha-methyl-omega-hydroxypropyl(oxy-1,2-ethanediyl)	70644-56-3	0,0038	0,0064	H315, H319, H334, H335, H351, H373			
Adhesive sealant	0,08 %	0,13 %	hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	EC932-078-5	0,0039	0,0065	H304			
<i>Note: Quick-hardening mounting adhesive. MS-Polymer</i>										
			3-(trimetoxisilyl)propylamine	13822-56-5	0,0039	0,0065	H315, H318			
			trimetoxivinylsilan	317069	0,0008	0,0013	H226, H317, H332			
Silicone	0,08 %	0,13 %	2-pentanon,0,0',0"- (metylsilylidyn)trioxim	37859-55-5	0,0039	0,0065	H302, H312, H319 /-			
<i>Note: 1-component silicone sealant</i>										
			2-oktyl-2H-isotiazol-3-on	26530-20-1	0,0001	0,0001	H301, H311, H314, H317, H318, H330, H400, H410 / -			✓
3. IGU - Insulated glass unit	11,24 %	100,00 %								
IGU - Glass	7,04 %	62,66 %	Uncoated flat glass		7,0434	62,6593				
IGU - Glass	2,03 %	18,05 %	Glass, tempered glass		2,0285	18,0459				
IGU - Argon	0,01 %	0,12 %	Argon gas for IGU, liquid		0,0135	0,1198				
IGU - Spacer	0,57 %	5,06 %	Stainless steel EN 1.4372		0,0313	0,2783				
			Polypropylene	9003-07-0	0,5375	4,7818				
Primary seal	0,11 %	0,98 %	Carbon black	1333-86-4	0,0553	0,4919				
Secondary seal part A	0,93 %	8,26 %	Polyurethane glass sealant		0,9289	8,2638				
Secondary seal part B	0,06 %	0,56 %	di-"isononyl" phthalate	28553-12-0	0,0316	0,2810		✓	✓	
			Polymeric MDI	9016-87-9	0,0189	0,1686	H315, H317, H319, H332, H334, H335, H351, H373			
			4,4'-methylenediphenyl diisocyanate	101-68-8	0,0032	0,0281	H315, H317, H319, H332, H334, H335, H351, H373	✓		✓
			carbon black	1333-86-4	0,0032	0,0281				
			Zeolites	1318-02-1	0,0032	0,0281				
			Oxirane,2-[[3-(trimethoxysilyl)propoxy]methyl]-	2530-83-8	0,0126	0,1124	H318, H411			
Absorbent	0,48 %	4,31 %	Zeolites	1318-02-1	0,4356	3,8750				
			Quartz (SiO2)	14808-60-7	0,0005	0,0043				
4. Plastic parts	0,09 %	100,00 %								
Cover Plug	0,01 %	6,60 %	Plastic parts, linear low density polyethylene (LLDPE)		0,0057	6,5983				
Glass packer	0,08 %	93,40 %	Low density polyethylene (LDPE), plastic parts		0,0811	93,4017				



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5. Seals, rubber & TPU parts		0,74 %	100,00 %												
Gaskets	0,50 %	67,72 %	Polydimethylsiloxane	9006-65-9	0,4929	66,3641									
Note: Polydimethylsiloxane (PDMS)			Silanamin	68909-20-6	0,0503	6,7719	H373, EUH066								
			Talc	238-877-9	0,0024	0,3250									
			Dolomite	240-440-2	0,0001	0,0085									
			Magnesium carbonate	208-915-9	0,0001	0,0085									
Brush-list	0,12 %	16,69 %	Polypropylene (PP)		0,1240	16,6948									
E-band	0,12 %	15,59 %	EPDM polymer	25038-36-2	0,0405	5,4553									
			Carbon black	1333-86-4	0,0232	3,1173									
			Paraffin oils	8012-95-1	0,0232	3,1173									
			Calcium carbonate	471-34-1	0,0289	3,8967									
6. Metal parts		4,50 %	100,00 %												
Hinges	1,34 %	29,87 %	Steel DC01 (Q235), non-alloy steel		0,9917	22,0514									
			Nylon 6 or polyamide 6 (PA6), 25 % glass fibre, plastic parts		0,0102	0,2258									
			Metal, stainless steel 304, (18/8)		0,1368	3,0418									
			Steel, MLO8AL, low-alloyed		0,2037	4,5295									
			Powder coating		0,0010	0,0229									
Hinges	1,09 %	24,27 %	Steel DC01 (Q235), non-alloy steel		0,9917	22,0514									
			Nylon 6 or polyamide 6 (PA6), 25 % glass fibre, plastic parts		0,0102	0,2258									
			Steel, MLO8AL, low-alloyed		0,0887	1,9713									
			Powder coating		0,0010	0,0229									
Lock	1,20 %	26,74 %	Steel	EN 1.0346, EN 1.0401, EN 1.0984	1,0477	23,2957									
			Zinc	ZZnA1D4	0,0907	2,0164									
			Stainless steel	EN 1.0330	0,0581	1,2917									
			Plastic	PP, PA	0,0063	0,1391									
Strike plate	0,52 %	11,46 %	Steel	EN 10149-2	0,3608	8,0229									
			Steel	SS-EN 10139	0,0155	0,3438									
			Galvanized steel		0,1546	3,4384									
			Steel	DC03	0,0309	0,6877									
			Steel	4,8 ISO 7046	0,0155	0,3438									
Screws															
Screws, Nails etc	0,10 %	2,24 %	Steel zinc galvanized		0,1010	2,2449									
Screws, Nails etc	0,24 %	5,25 %	Stainless steel A2 (304, 18/8)		0,2362	5,2522									
Screws, Nails etc	0,01 %	0,16 %	Aluminium		0,0070	0,1559									

4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,15%	Wood	79,14%
Glass	28,00%	2,54%		
Steelplate	20,00%	2,70%		
Polystyren	20,00%	0,42%		

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


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5. Environmental impact

Is there an Environmental Product Declaration (EPD) produced according to EN15804 or ISO14025 for the product? ID number for EPD: NEPD-5997-5264
 Yes

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 **
66,29 kg	148,77 kg	-83,55 kg	1,07 kg	1,84 kg

* 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: 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	69,01%	EWC 170201
Plastic/rubber	2,04%	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



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11. Indoor environment

Emissions to indoor air

12. Building certification systems

BREEAM[®] NOR

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)

BREEAM[®] SE

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 2013v2.0	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.
	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 of classification limits
	Ind 15	Gold	Public e-bvd or equivalent available

Nordic Swan Ecolabel buildings

Svanen SCDP (Supply Chain Declaration Portal)
Yes - NorDan Bor External Door - (839G3, 801G, 819G, 831G, 831G2, 836G, 836G3, 847G3, 865G, 898G)

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

Nordic Swan Ecolabel

No Swan Ecolabel isn't available for the product today