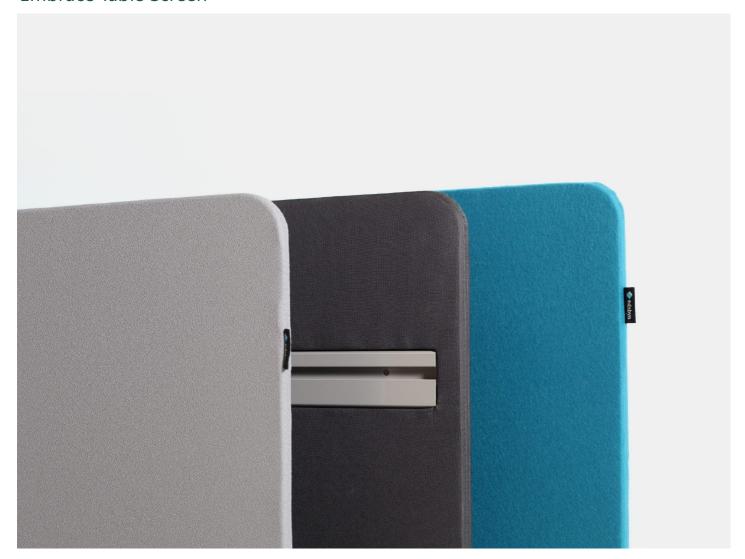




Environmental product declaration

in accordance with ISO 14025 and EN 15804+A2

Embrace Table Screen



EDSBYN

Owner of the declaration:

AB Edsbyverken

Product:

Embrace Table Screen

Declared unit:

1 pc

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core

PCR

NPCR 026:2022 Part B for Furniture

Program operator:

The Norwegian EPD Foundation

Declaration number:

NEPD-11452-11375

Registration number: NEPD-11452-11375

Issue date: 18.06.2025

18.06.202

Valid to: 18.06.2030

EPD software:

LCAno EPD generator ID: 817749

The Norwegian EPD Foundation



General information

Product

Embrace Table Screen

Program operator:

The Norwegian EPD Foundation
Post Box 5250 Majorstuen, 0303 Oslo, Norway

Phone: +47 977 22 020 web: www.epd-norge.no

Declaration number:

NEPD-11452-11375

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core PCR NPCR 026:2022 Part B for Furniture

Statement of liability:

The owner of the declaration shall be liable for the underlying information and evidence. EPD Norway shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

Declared unit:

1 pcs Embrace Table Screen

Declared unit (cradle to gate) with option:

A1-A3, A4, A5, B2, B3, B4, C1, C2, C3, C4, D

Functional unit:

Upholstered table screen with sound absorbing filling - Embrace Table Screen (Sharp corners) 11A14H6 - 1400x650 mm, thickness 36 mm.

General information on verification of EPD from EPD tools:

Independent verification of data, other environmental information and the declaration according to ISO 14025:2010, § 8.1.3 and § 8.1.4. Verification of each EPD is made according to EPD-Norway's guidelines for verification and approval requiring that tools are i) integrated into the company's environmental management system, ii) the procedures for use of the EPD tool are approved by EPD-Norway, and iii) the process is reviewed annually by an independent third party verifier. See Appendix G of EPD-Norway's General Programme Instructions for further information on EPD tools

Verification of EPD tool:

Independent third party verification of the EPD tool, background data and test-EPD in accordance with EPDNorway's procedures and guidelines for verification and approval of EPD tools.

Third party verifier:

Elisabet Amat, GREENIZE projects

(no signature required)

Owner of the declaration:

AB Edsbyverken

Contact person: Maria Olsson

Phone

e-mail: maria.olsson@edsbyn.com

Manufacturer:

AB Edsbyverken

Place of production:

AB Edsbyverken Karlsvägen 2 828 32 Edsbyn, Sweden

Management system:

ISO 14001, ISO 9001

Organisation no:

556040-0755

Issue date:

18.06.2025

Valid to:

18.06.2030

Year of study:

2024

Comparability:

EPD of construction products may not be comparable if they not comply with EN 15804 and seen in a building context.

Development and verification of EPD:

The declaration is created using EPD tool lca.tools ver EPD2022.03, developed by LCA.no. The EPD tool is integrated in the company's management system, and has been approved by EPD Norway.

Developer of EPD: Jonathan Liverstad

Reviewer of company-specific input data and EPD: Jon Kvarmans

Approved:

Håkon Hauan, CEO EPD-Norge

Product

Product description:

A sound absorbing screen with Soundfelt that divides and encloses. Create a balanced environment in the working area for better efficiency, focus and wellbeing.

Soundfelt is an environmentally smart product made from a high proportion of recycled PET bottles and has a good sound absorption capability. Attach pins directly on the screen and use it as a pin board.

Embrace table screen is offered in a wide range of textile upholsteries and can be selected either with sound-absorbing filling or without. The screens are available in different widths to fit different types of tables. There are also many different functional accessories for the fabric-clad screens, which can easily be installed.

Packaging Details:

For orders of fewer than 10 units, each table screen is individually packaged in protective cardboard.

For orders of 10 or more units, the table screens are packaged together, using plastic film and cardboard corner protectors.

This EPD calculation is based on the individual packaging scenario.

More information about Embrace Table Screen can be found here:

https://www.edsbyn.com/products/embrace/fabric/

Product specification

Embrace Table Screen 11A14H6 - 1400x650 mm, thickness 36 mm.

Corner radius: Sharp corners

Core: Constructed from 16 mm chipboard

Sound absorbtion: Soundfelt® REC Grey (Recycled Polyethylene & Polyester)

Upholstery: Camira Fabrics - Carlow (Textile - Polypropylene)

For the purpose of these EPD calculations, Carlow by Camira Fabrics has been selected as the upholstery for all applicable variants and options. Consequently, the LCA results may differ slightly depending on your chosen upholstery.

Key environmental indicators of a selection of other shapes and sizes of Embrace Table Screen, aswell as angle brackets and clamp brackets are presented as variants and options on page 11.

Materials	kg	%	Recycled share in material (kg)	Recycled share in material (%)
Glue for wood	0,19	1,63	0,00	0,00
Plastic - Polypropylene (PP)	0,48	4,037	0,00	0,00
Textile - Polyester	1,82	15,21	0,00	0,00
Wood - Chipboard	9,46	79,11	0,00	0,00
Total	11,96	100,00	0,00	

Packaging	kg	%	Recycled share in material (kg)	Recycled share in material (%)
Recycled cardboard	1,70	100,00	1,70	100,00
Total incl. packaging	13,66	100,00	1,70	

Technical data:

Width: 1400 mm Height: 650 mm Thickness: 36 mm

Möbelfakta-certified product.

Market:

Europe.

Reference service life, product

5 years warranty. The RSL is at least 10 years, depending on chosen surface material and maintenance.

Reference service life, building

LCA: Calculation rules

Declared unit:



1 pcs Embrace Table Screen

Cut-off criteria:

All major raw materials and all the essential energy is included. The production processes for raw materials and energy flows with very small amounts (less than 1%) are not included. These cut-off criteria do not apply for hazardous materials and substances.

Allocation

The allocation is made in accordance with the provisions of EN 15804. Incoming energy and water and waste production in-house is allocated equally among all products through mass allocation. Effects of primary production of recycled materials is allocated to the main product in which the material was used. The recycling process and transportation of the material is allocated to this analysis.

Data quality:

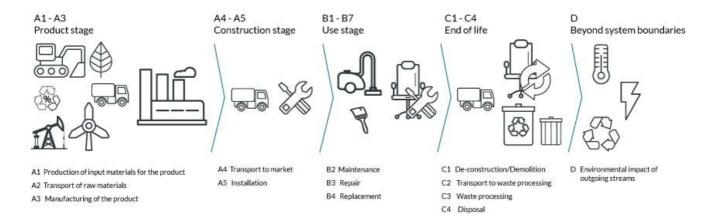
Specific data for the product composition are provided by the manufacturer. They represent the production of the declared product and were collected for EPD development in the year of study. Background data is based on registered EPDs according to EN 15804, Ostfold Research databases, ecoinvent and other LCA databases. The data quality of the raw materials in A1 is presented in the table below.

Materials	Source	Data quality	Year
Glue for wood	ecoinvent 3.6	Database	2019
Plastic - Polypropylene (PP)	ecoinvent 3.6	Database	2019
Recycled cardboard	Modified ecoinvent 3.6	Database	2019
Textile - Polyester	ecoinvent 3.6	Database	2019
Wood - Chipboard	ecoinvent 3.6	Database	2019

System boundaries (X=included, MND=module not declared, MNR=module not relevant)

Pi	roduct sta	je	Constr installati	uction on stage				Use stage					End of I	ife stage		Beyond the system boundaries
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurb ishment	Operational energy use	Operational water use	De- construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery- Recycling-potential
A1	A2	A3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	C3	C4	D
Χ	Χ	Χ	Χ	X	MND	X	Χ	Χ	MND	MND	MND	X	Χ	Χ	X	X

System boundary:



Additional technical information:

Edsbyn Care & Maintenance:

https://www.edsbyn.com/wp-content/uploads/2024/08/careedsbyn2024v240706.pdf



LCA: Scenarios and additional technical information

The following information describe the scenarios in the different modules of the EPD.

Transport from production place to user (A4)	Capacity utilisation (incl. return) %	Distance (km)	Fuel/Energy Consumption	Unit	Value (Liter/tonne)
Truck, over 32 tonnes, EURO 6 (km)	53,3 %	500	0,023	l/tkm	11,50
Assembly (A5)	Unit	Value			
Waste, packaging, cardboard, 100 % recycled, to average treatment (kg)	kg	1,69			
Transport to waste processing (C2)	Capacity utilisation (incl. return) %	Distance (km)	Fuel/Energy Consumption	Unit	Value (Liter/tonne)
Truck, 16-32 tonnes, EURO 6 (km)	36,7 %	50	0,043	l/tkm	2,15
Waste processing (C3)	Unit	Value			
Waste treatment per kg Polypropylene (PP), incineration with fly ash extraction - C3 (kg)	kg	0,48			
Waste treatment per kg Hazardous waste, incineration (kg)	kg	0,19			
Waste treatment per kg Wood, incineration with fly ash extraction (kg)	kg	9,46			
Waste treatment per kg Textile, incineration with fly ash extraction (kg)	kg	1,82			
Disposal (C4)	Unit	Value			
Landfilling of ashes from incineration of Hazardous waste, from incineration (kg)	kg	0,036			
Landfilling of ashes from incineration of Wood, process per kg ashes and residues (kg)	kg	0,10			
Landfilling of ashes from incineration of Polypropylene, PP, process per kg ashes and residues - C4 (kg)	kg	0,014			
Landfilling of ashes from incineration of Textile, soiled, process per kg ashes and residues (kg)	kg	0,091			
Benefits and loads beyond the system boundaries (D)	Unit	Value			
Substitution of thermal energy, district heating, in Norway (MJ)	МЈ	136,42			
Substitution of electricity, in Norway (MJ)	MJ	9,017			



LCA: Results

The LCA results are presented below for the declared unit defined on page 2 of the EPD document.

Environme	ental impact								
	Indicator	_	Unit		A1-A3	A4	A5	B2	В3
	GWP-total		kg CO ₂ - (eq	1,13E+00	5,95E-01	2,91E+00	0	0
	GWP-fossil		kg CO ₂ -	eq	1,98E+01	5,95E-01	2,75E-02	0	0
	GWP-biogenic		kg CO ₂ -eq		-1,87E+01	2,55E-04	2,88E+00	0	0
	GWP-Iuluc		kg CO ₂ - 0	eq	9,22E-02	1,81E-04	9,09E-06	0	0
٨	ODP		kg CFC11	-eq	2,28E-06	1,43E-07	5,80E-09	0	0
C.	AP		mol H+ -	eq	1,07E-01	1,92E-03	1,30E-04	0	0
	EP-FreshWater		kg P -ed	7	8,56E-04	4,73E-06	2,26E-07	0	0
-	EP-Marine		kg N -ed	q	2,13E-02	4,19E-04	4,30E-05	0	0
**	EP-Terrestial		mol N -e	eq	2,75E-01	4,68E-03	4,66E-04	0	0
	POCP		kg NMVOC	:-eq	9,27E-02	1,84E-03	1,34E-04	0	0
	ADP-minerals&metals ¹		kg Sb-e	9	1,47E-03	1,06E-05	6,69E-07	0	0
	ADP-fossil ¹		MJ		4,71E+02	9,66E+00	3,84E-01	0	0
<u></u>			m^3		4.405.04	7.415.00	4.075.01	0	0
(%)	WDP ¹		m ³		1,12E+04	7,41E+00	4,87E-01	0	0
<u>%</u>	WDP ·		m ³	B4	1,12E+04	7,41E+00	4,87E-01	C4	D
				B4 0					
	Indicator		Unit		C1	C2	C3	C4	D
	Indicator GWP-total		Unit kg CO ₂ -eq	0	C1 0	C2 1,12E-01	C3 2,04E+01	C4 2,19E-02	D -8,20E-01
	Indicator GWP-total GWP-fossil		Unit kg CO ₂ -eq kg CO ₂ -eq	0	C1 0	C2 1,12E-01 1,12E-01	C3 2,04E+01 1,80E+00	C4 2,19E-02 2,19E-02	D -8,20E-01 -7,91E-01
P	Indicator GWP-total GWP-fossil GWP-biogenic		Unit kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq	0 0	C1 0 0	C2 1,12E-01 1,12E-01 4,62E-05	C3 2,04E+01 1,80E+00 1,86E+01	C4 2,19E-02 2,19E-02 2,06E-05	D -8,20E-01 -7,91E-01 -1,63E-03
P P P P P P P P P P	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc		Unit kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq	0 0 0 0	0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02
	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc ODP		Unit kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq	0 0 0 0	0 0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05 2,53E-08	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04 6,20E-08	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06 1,45E-09	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02 -5,76E-02
	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc ODP AP		Unit kg CO ₂ -eq mol H+ -eq	0 0 0 0 0	0 0 0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05 2,53E-08 3,21E-04	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04 6,20E-08 2,56E-03	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06 1,45E-09 5,30E-05	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02 -5,76E-02 -6,52E-03
	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc ODP AP EP-FreshWater		witk kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CFC11 -eq mol H+ -eq kg P -eq	0 0 0 0 0 0	0 0 0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05 2,53E-08 3,21E-04 8,91E-07	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04 6,20E-08 2,56E-03 1,28E-05	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06 1,45E-09 5,30E-05 2,33E-07	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02 -5,76E-02 -6,52E-03 -7,03E-05
	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc ODP AP EP-FreshWater EP-Marine		kg CO ₂ -eq kg CFC11 -eq mol H+ -eq kg P -eq kg N -eq	0 0 0 0 0 0	0 0 0 0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05 2,53E-08 3,21E-04 8,91E-07 6,34E-05	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04 6,20E-08 2,56E-03 1,28E-05 1,05E-03	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06 1,45E-09 5,30E-05 2,33E-07 1,49E-05	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02 -5,76E-02 -6,52E-03 -7,03E-05 -2,13E-03
	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc ODP AP EP-FreshWater EP-Marine EP-Terrestial		kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CFC11 -eq mol H+ -eq kg P -eq kg N -eq mol N -eq	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05 2,53E-08 3,21E-04 8,91E-07 6,34E-05 7,10E-04	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04 6,20E-08 2,56E-03 1,28E-05 1,05E-03 1,13E-02	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06 1,45E-09 5,30E-05 2,33E-07 1,49E-05 1,73E-04	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02 -5,76E-02 -6,52E-03 -7,03E-05 -2,13E-03 -2,30E-02
	Indicator GWP-total GWP-fossil GWP-biogenic GWP-luluc ODP AP EP-FreshWater EP-Marine EP-Terrestial POCP		kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CO ₂ -eq kg CFC11 -eq mol H+ -eq kg P -eq kg N -eq mol N -eq g NMVOC -eq	0 0 0 0 0 0 0	C1 0 0 0 0 0 0 0 0	C2 1,12E-01 1,12E-01 4,62E-05 3,97E-05 2,53E-08 3,21E-04 8,91E-07 6,34E-05 7,10E-04 2,72E-04	C3 2,04E+01 1,80E+00 1,86E+01 1,32E-04 6,20E-08 2,56E-03 1,28E-05 1,05E-03 1,13E-02 2,82E-03	C4 2,19E-02 2,19E-02 2,06E-05 2,47E-06 1,45E-09 5,30E-05 2,33E-07 1,49E-05 1,73E-04 4,79E-05	D -8,20E-01 -7,91E-01 -1,63E-03 -2,72E-02 -5,76E-02 -6,52E-03 -7,03E-05 -2,13E-03 -2,30E-02 -6,35E-03

GWP-total = Global Warming Potential total; GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment: EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption

Remarks to environmental impacts

[&]quot;Reading example: 9,0 E-03 = 9,0*10-3 = 0,009"

^{*}INA Indicator Not Assessed

^{1.} The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator



Additional env	ironmental impact ind	licators					
	Indicator	Unit	A1-A3	A4	A5	B2	В3
	PM	Disease incidence	1,83E-06	5,46E-08	1,92E-09	0	0
	IRP ²	kgBq U235 -eq	4,38E+00	4,22E-02	1,65E-03	0	0
40	ETP-fw ¹	CTUe	6,36E+02	7,06E+00	5,13E-01	0	0
40.* ***********************************	HTP-c ¹	CTUh	3,72E-08	0,00E+00	1,50E-11	0	0
42	HTP-nc ¹	CTUh	2,85E-07	6,83E-09	6,44E-10	0	0
	SQP ¹	dimensionless	7,98E+02	1,11E+01	2,58E-01	0	0

II.	ndicator	Unit	B4	C1	C2	C3	C4	D
	PM	Disease incidence	0	0	6,83E-09	2,89E-08	4,86E-10	-3,95E-07
	IRP ²	kgBq U235 -eq	0	0	7,37E-03	1,05E-02	6,78E-04	-7,22E-02
3	ETP-fw ¹	CTUe	0	0	1,25E+00	1,12E+01	3,14E-01	-6,15E+01
40.* *** <u>\$</u>	HTP-c ¹	CTUh	0	0	0,00E+00	8,36E-10	1,70E-11	-1,13E-09
48	HTP-nc ¹	CTUh	0	0	1,37E-09	2,30E-08	6,03E-10	-5,90E-08
	SQP ¹	dimensionless	0	0	1,18E+00	8,89E-01	3,82E-01	-7,56E+01

PM = Particulate Matter emissions; IRP = Ionizing radiation – human health; ETP-fw = Eco toxicity – freshwater; HTP-c = Human toxicity – cancer effects; HTP-nc = Human toxicity – non cancer effects; SQP = Soil Quality (dimensionless)

[&]quot;Reading example: 9,0 E-03 = 9,0*10-3 = 0,009"

^{*}INA Indicator Not Assessed

^{1.} The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator

^{2.} This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.



Resource use									
	Indicator		Uı	nit	A1-A3	A4	A5	B2	В3
	PERE		M	۷J	1,30E+02	1,22E-01	6,33E-03	0	0
	PERM		N	NJ	9,47E+01	0,00E+00	-9,94E+00	0	0
Ţ,	PERT		M	۷J	2,24E+02	1,22E-01	-9,93E+00	0	0
	PENRE		M	۸J	4,20E+02	9,66E+00	3,85E-01	0	0
Åg	PENRM		M	۸J	6,85E+01	0,00E+00	0,00E+00	0	0
IA	PENRT		M	۸J	4,88E+02	9,66E+00	3,85E-01	0	0
	SM		k	g	1,78E+00	0,00E+00	0,00E+00	0	0
	RSF		M	۸J	7,50E-01	4,25E-03	2,10E-04	0	0
	NRSF		M	۸J	8,46E-01	1,42E-02	8,66E-04	0	0
&	FW		m	1 ³	4,10E-01	1,10E-03	1,81E-04	0	0
	ndicator	Uni	nit	B4	C1	C2	C3	C4	D
								C4	
(2)	PERE	MJ	1)	0	0	2,41E-02	3,66E-01	1,23E-02	-6,99E+01
	PERM	W		0	0	2,41E-02 0,00E+00			
			1)				3,66E-01	1,23E-02	-6,99E+01
	PERM	М	1)	0	0	0,00E+00	3,66E-01 -8,42E+01	1,23E-02 0,00E+00	-6,99E+01 0,00E+00
4	PERM PERT	М	n n	0	0	0,00E+00 2,41E-02	3,66E-01 -8,42E+01 -8,39E+01	1,23E-02 0,00E+00 1,23E-02	-6,99E+01 0,00E+00 -6,99E+01
S Fi	PERM PERT PENRE	M)	n n	0 0	0 0	0,00E+00 2,41E-02 1,69E+00	3,66E-01 -8,42E+01 -8,39E+01 3,03E+00	1,23E-02 0,00E+00 1,23E-02 1,31E-01	-6,99E+01 0,00E+00 -6,99E+01 -1,13E+01
S F. E	PERM PERT PENRE PENRM	М М М	ນ ນ	0 0 0	0 0 0	0,00E+00 2,41E-02 1,69E+00 0,00E+00	3,66E-01 -8,42E+01 -8,39E+01 3,03E+00 -6,85E+01	1,23E-02 0,00E+00 1,23E-02 1,31E-01 0,00E+00	-6,99E+01 0,00E+00 -6,99E+01 -1,13E+01 0,00E+00
\$ F. B An	PERM PERT PENRE PENRM PENRT	MJ MJ MJ	อ ก ก ก	0 0 0 0	0 0 0 0	0,00E+00 2,41E-02 1,69E+00 0,00E+00 1,69E+00	3,66E-01 -8,42E+01 -8,39E+01 3,03E+00 -6,85E+01 -6,55E+01	1,23E-02 0,00E+00 1,23E-02 1,31E-01 0,00E+00 1,31E-01	-6,99E+01 0,00E+00 -6,99E+01 -1,13E+01 0,00E+00 -1,13E+01
	PERM PERT PENRE PENRM PENRT SM	MJ MJ MJ kg	ນ ນ ນ ນ	0 0 0 0 0	0 0 0 0 0	0,00E+00 2,41E-02 1,69E+00 0,00E+00 1,69E+00 0,00E+00	3,66E-01 -8,42E+01 -8,39E+01 3,03E+00 -6,85E+01 -6,55E+01 0,00E+00	1,23E-02 0,00E+00 1,23E-02 1,31E-01 0,00E+00 1,31E-01 0,00E+00	-6,99E+01 0,00E+00 -6,99E+01 -1,13E+01 0,00E+00 -1,13E+01 0,00E+00

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources; SM = Use of secondary materials; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Net use of fresh water

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed



End of life - Waste								
	Indicator	Uı	nit	A1-A3	A4	A5	B2	В3
	HWD	kg		1,37E-01	5,29E-04	0,00E+00	0	0
Ī	NHWD	k	9	4,78E+00	8,40E-01	1,70E+00	0	0
<u>.</u>	RWD	k	g	2,46E-03	6,60E-05	0,00E+00	0	0
In	dicator	Unit	B4	C1	C2	C3	C4	D
	HWD	kg	0	0	8,70E-05	0,00E+00	9,50E-02	-5,32E-04
Ū	NHWD	kg	0	0	8,20E-02	1,95E-01	7,58E-02	-2,67E-01
æ	RWD	kg	0	0	1,15E-05	0,00E+00	2,85E-07	-5,92E-05

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed

End of life - Output flow								
Ind	icator	Unit	1	A1-A3	A4	A5	B2	В3
@▷	CRU	kg		0,00E+00	0,00E+00	0,00E+00	0	0
&>	MFR	kg		7,63E-01	0,00E+00	1,58E+00	0	0
Þ₹	MER	kg		1,20E+00	0,00E+00	2,31E-06	0	0
50	EEE	МЈ		8,95E-01	0,00E+00	9,72E-02	0	0
D	EET	MJ		1,35E+01	0,00E+00	1,47E+00	0	0
Indicato	or	Unit	B4	C1	C2	C3	C4	D
∅ >	CRU	kg	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00
\$>	MFR	kg	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00
DF	MER	kg	0	0	0,00E+00	1,20E+01	0,00E+00	0,00E+00
₹	EEE	MJ	0	0	0,00E+00	8,63E+00	0,00E+00	0,00E+00
DØ	EET	MJ	0	0	0,00E+00	1,31E+02	0,00E+00	0,00E+00

CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported energy electrical; EET = Exported energy thermal

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" *INA Indicator Not Assessed

Biogenic Carbon Content							
Unit	At the factory gate						
kg C	4,34E+00						
kg C	8,26E-01						
	kg C						

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO2

Additional requirements

Greenhouse gas emissions from the use of electricity in the manufacturing phase

National production mix from import, low voltage (production of transmission lines, in addition to direct emissions and losses in grid) of applied electricity for the manufacturing process (A3).

Electricity mix	Source	Amount	Unit
Electricity, Sweden (kWh)	ecoinvent 3.6	54,94	g CO2-eg/kWh

Dangerous substances

The product contains no substances given by the REACH Candidate list.

Indoor environment

No effect on indoor environment.

Additional Environmental Information

Key Environmental Indicators

Key environmental indicators	Unit	A1-A3	A4	A1-C4	A1-D
GWPtotal	kg CO ₂ -eq	1,13	0,60	25,16	24,34
Total energy consumption	MJ	550,89	9,80	566,39	481,07
Amount of recycled materials	%	12,44			

Additional environmental impact indicators required in NPCR Part A for construction products							
Indicator	Unit	Unit		A4	A5	B2	В3
GWPIOBC	kg CO ₂ -eq	kg CO ₂ -eq		5,95E-01	2,75E-02	0	0
Indicator	Unit	B4	C1	C2	C3	C4	D
GWPIOBC	kg CO ₂ -eq	0	0	1,12E-01	4,78E+00	2,76E-02	-8,08E-01

GWP-IOBC: Global warming potential calculated according to the principle of instantaneous oxidation. In order to increase the transparency of biogenic carbon contribution to climate impact, the indicator GWP-IOBC is required as it declares climate impacts calculated according to the principle of instantaneous oxidation. GWP-IOBC is also referred to as GWP-GHG in context to Swedish public procurement legislation.

Variants and Options

Key environmental indicators (A1-A3) for variants of this EPD						
Variants	Weight (kg)	GWPtotal (kg CO ₂ - eq)	Total energy consumption (MJ)	Amount of recycled materials (%)		
Embrace Table Screen 11A20H6 - 2000x650x36 mm	19,46	1,61	784,05	12,26		
Embrace Table Screen 11A18H6 - 1800x650x36 mm	17,53	1,45	706,33	12,31		
Embrace Table Screen 11A16H6 - 1600x650x36 mm	15,60	1,29	628,73	12,36		
Embrace Table Screen 11A12H6 - 1200x650x36 mm	11,73	0,97	473,18	12,54		
Embrace Table Screen 11A10H6 - 1000x650x36 mm	9,79	0,82	395,45	12,67		
Embrace Table Screen 11A9H6 - 900x650x36 mm	8,82	0,74	356,51	12,76		
Embrace Table Screen 11A8H6 - 800x650x36 mm	7,86	0,66	317,69	12,87		
Embrace Table Screen 11C18H6 - 1800x650x36 mm - with integrated toolbar	22,65	19,34	1602,33	9,55		
Embrace Table Screen 11C16H6 - 1600x650x36 mm - with integrated toolbar	20,15	17,15	1424,14	9,60		
Embrace Table Screen 11C14H6 - 1400x650x36 mm - with integrated toolbar	17,65	14,96	1245,97	9,66		
Embrace Table Screen 11C12H6 - 1200x650x36 mm - with integrated toolbar	15,15	12,77	1067,82	9,75		
Embrace Table Screen 11E20H6 - 2000x650x16 mm - w/o sound- absorbing filling	20,09	-17,07	982,84	11,62		
Embrace Table Screen 11E14H6 - 1400x650x16 mm - w/o sound- absorbing filling	14,10	-11,95	689,66	11,79		
Embrace Table Screen 11E8H6 - $800x650x16\mathrm{mm}$ - w/o sound-absorbing filling	8,10	-6,84	396,23	12,23		

Key environmental indicators (A1-A3) for options for this EPD						
Options	Weight (kg)	GWPtotal (kg CO ₂ -eq)	Total energy consumption (MJ)	Amount of recycled materials (%)		
Angle bracket for Embrace table screen	0,24	0,69	10,81	0,73		
Clamp bracket for Embrace table screen	0,26	0,73	11,37	0,25		

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