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Contactformulier

Casala Lynx

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ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX I 2573/10

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

LYNX I 2573/10

The Lynx I is visually impressive with its slim frame and striking silhouette. The centre-to-centre distance of linked seats is narrow (only 51.5 cm), while the seat width remains a generous size and comfortable. The backrest has room for chair numbering using Zifra, the world's most advanced battery-free numbering system. Lynx I is available with and without armrests. Both versions can be linked together. Lynx stacking chairs are very suitable as indoor chairs, school chairs, conference chairs and even canteen chairs.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	fully upholstered, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 57 cm
Weight	7.6 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	19.100 kg CO_2eq.
GWP per unit (Cradle to Gate)	16.893 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	4.43 %
Incineration	51.35 %
Recycling	38.98 %
Re-use	5.25 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-104892
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX I 3572/00

casala

Environmental Product Declaration (EPD)

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LYNX I 3572/00

It's child's play to pair Lynx chairs. Lift the frame ten centimeters, move the chair slightly to the left and place the chair into the frame of the chair next to it. This way the chairs are solidly linked. No additional tools are needed: the chairs themselves are the connection. The Lynx I is visually impressive with its slim frame and striking silhouette. The centre-to-centre distance of linked seats is narrow (only 51.5 cm), while the seat width remains a generous size and comfortable. The backrest has room for chair numbering using Zifra, the world's most advanced battery-free numbering system.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	shell natural beech
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 57 cm
Weight	8.2 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	14.978 kg CO_2eq.
GWP per unit (Cradle to Gate)	14.542 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	2.89 %
Incineration	43.88 %
Recycling	46.85 %
Re-use	6.39 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-98085
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX I 3572/10

casala

Environmental Product Declaration (EPD)

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LYNX I 3572/10

It's child's play to pair Lynx chairs. Lift the frame ten centimeters, move the chair slightly to the left and place the chair into the frame of the chair next to it. This way the chairs are solidly linked. No additional tools are needed: the chairs themselves are the connection. The Lynx I is visually impressive with its slim frame and striking silhouette. The centre-to-centre distance of linked seats is narrow (only 51.5 cm), while the seat width remains a generous size and comfortable. The backrest has room for chair numbering using Zifra, the world's most advanced battery-free numbering system.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	shell natural beech, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 57 cm
Weight	7.4 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	15.255 kg CO_2eq.
GWP per unit (Cradle to Gate)	13.276 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	3.64 %
Incineration	50.94 %
Recycling	39.99 %
Re-use	5.43 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-98105
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX II 3592/00

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Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

LYNX II 3592/00

The minimalist and modern look of Lynx II makes it ideal for a wide variety of rooms: Lynx II adapts seamlessly everywhere. Even as a loose chair, Lynx is elegant, thanks to accents such as the melamine top layer, where the layered structure of the wood remains visible on the edge. A wide range of upholstery options is a matter of course. The attractive design of Lynx II does not detract from its functionality. It only needs to be lifted ten centimeters and placed in the frame of the chair next to it, even if the chairs are solidly connected. No further actions or tools are required.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	shell natural beech
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 56 cm
Weight	7.8 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	14.730 kg CO_2eq.
GWP per unit (Cradle to Gate)	14.863 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	2.79 %
Incineration	41.53 %
Recycling	48.98 %
Re-use	6.69 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-98139
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX II 3592/10

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Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

LYNX II 3592/10

The minimalist and modern look of Lynx II makes it ideal for a wide variety of rooms: Lynx II adapts seamlessly everywhere. Even as a loose chair, Lynx is elegant, thanks to accents such as the melamine top layer, where the layered structure of the wood remains visible on the edge. A wide range of upholstery options is a matter of course. The attractive design of Lynx II does not detract from its functionality. It only needs to be lifted ten centimeters and placed in the frame of the chair next to it, even if the chairs are solidly connected. No further actions or tools are required.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	shell natural beech, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 56 cm
Weight	7.0 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	14.955 kg CO_2eq.
GWP per unit (Cradle to Gate)	13.523 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	3.57 %
Incineration	48.81 %
Recycling	41.91 %
Re-use	5.73 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-98140
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX III 3582/00

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

LYNX III 3582/00

The flowing, soft lines of the plastic shell mean that Lynx III can be used in various situations, for example as church and school furniture. In addition, Lynx III chairs offer the functionality of ultra-fast connectable indoor chairs: 80 chairs can be solidly connected or disconnected in 3 minutes. Lifting the chair just 10 centimeters and place it into the frame of the chair next to it, is all that is needed. No other actions or aids are needed to make a solid connection. Lynx III is available with and without armrests and can be combined with each other. The shell can also be delivered upholstered.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Shell plastic
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	87 x 56 x 57 cm
Weight	7.86 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	23.916 kg CO_2eq.
GWP per unit (Cradle to Gate)	25.700 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	4.92 %
Incineration	37.69 %
Recycling	50.74 %
Re-use	6.65 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-82641
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX III 3582/10

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

LYNX III 3582/10

The flowing, soft lines of the plastic shell mean that Lynx III can be used in various situations, for example as church and school furniture. In addition, Lynx III chairs offer the functionality of ultra-fast connectable indoor chairs: 80 chairs can be solidly connected or disconnected in 3 minutes. Lifting the chair just 10 centimeters and place it into the frame of the chair next to it, is all that is needed. No other actions or aids are needed to make a solid connection. Lynx III is available with and without armrests and can be combined with each other. The shell can also be delivered upholstered.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Shell plastic, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	87 x 56 x 57 cm
Weight	7.0 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	24.195 kg CO_2eq.
GWP per unit (Cradle to Gate)	24.419 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	5.95 %
Incineration	44.50 %
Recycling	43.86 %
Re-use	5.68 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-82695
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX X1 3682/00

casala

Environmental Product Declaration (EPD)

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LYNX X1 3682/00

Lynx X1 is the latest addition to the successful Lynx seating program. The stylised shell and frame combine a modern look with comfortable seating. This chair is perfectly suited in various situations. Like all models, Lynx X1 offers the functionality of ultra-fast linking and stacking. All integrated into its frame so no other actions or aids are needed to make a solid connection. Lynx X1 is available with and without armrests and can be combined with each other. The elegantly designed shell can also be delivered upholstered.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Shell plastic
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 57 cm
Weight	7.2 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	23.160 kg CO_2eq.
GWP per unit (Cradle to Gate)	24.146 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	5.32 %
Incineration	40.94 %
Recycling	47.56 %
Re-use	6.17 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-88499
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: LYNX X1 3682/10

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

LYNX X1 3682/10

Lynx X1 is the latest addition to the successful Lynx seating program. The stylised shell and frame combine a modern look with comfortable seating. This chair is perfectly suited in various situations. Like all models, Lynx X1 offers the functionality of ultra-fast linking and stacking. All integrated into its frame so no other actions or aids are needed to make a solid connection. Lynx X1 is available with and without armrests and can be combined with each other. The elegantly designed shell can also be delivered upholstered.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Shell plastic, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	85 x 58 x 57 cm
Weight	7.5 kg
Packaging weight	0.1 kg
Product certification	EN14703

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	25.645 kg CO_2eq.
GWP per unit (Cradle to Gate)	26.455 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	5.75 %
Incineration	41.78 %
Recycling	46.43 %
Re-use	6.02 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-88510
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid