

Additional Norwegian 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	Data source	Amount	Unit
Energy, electricity, Poland: 1 kWh	ecoinvent 3.6	1099,70	g CO ₂ -ekv/kWh

Dangerous substances

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

Indoor environment

Greenguard Gold, Blue Angel

Additional environmental information

Key environmental indicators for variants for this EPD: Cradle to Gate analyse from A1 to A3

Variant number	Global warming (kg CO ₂)	Total energy use (MJ)	Share of recycled material in product(%)
giroflex 40 with ALU starbase polished	80,16	1 108,48	32,17
giroflex 40 with ALU starbase black	80,64	1 117,15	32,12
giroflex 40 with plastic starbase	91,91	1 217,42	24,76

Key environmental indicators for options for this EPD: Cradle to Gate analyse from A1 to A3

Option number	Global warming (kg CO ₂)	Total energy use (MJ)	Share of recycled material in product(%)
giroflex 40 - Armrests polished (set)	40,61	432,86	0,11
giroflex 40 - Armrests black (set)	42,11	448,93	0,11
giroflex 40 - headrest	3,36	50,17	6,31
giroflex 40 - packaging	7,21	83,19	59,40

Bibliography

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Vold et al., (2019) EPD generator for Norsk Industri, Background information for industry application and LCA data, LCA.no report number 06.19.

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NPCR 026 Part B for Furniture. Ver. 2.0 October 2018, EPD-Norge.

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