

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	Data source	Amount	Unit
Electricity, India (kWh)	ecoinvent 3.3 Alloc Rec	1592,48	g CO ₂ -ekv/kWh

Dangerous substances

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

Indoor environment

The declared product is tested by RISE Research Institutes of Sweden/SP Technical Research Institute of Sweden or Eurofins in accordance with the ISO 16000-series and CDPH method 1.1 (2010), and passes the demands of the French AFSSET (2011), German AgBB (2017) and Belgian decree (2014).

Bibliography

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ISO 14044:2006 Environmental management - Life cycle assessment - Requirements and guidelines

EN 15804:2012+A1:2013 Environmental product declaration - Core rules for the product category of construction products

ISO 21930:2007 Sustainability in building construction - Environmental declaration of building products

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CEPE v3.0 Raw materials LCI database for the European coatings and printing ink industries

ecoinvent v3.2 Alloc Rec, Swiss Centre of Life Cycle Inventories

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AgBB (2017): Health-related Evaluation Procedure for Volatile Organic Compounds Emissions (VOC and SVOC) from Building Products. German Committee for Health-related Evaluation of Building Products

Belgian Decree (2014): Royal Decree establishing the threshold levels for emissions in the indoor environment of construction products for certain intended uses. Belgian Federal Public Service Health, Food Chain Safety and Environment [C-2014/24239]

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EU Directive 2004/42/CE: The limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

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LEED® v4: LEED® v4 for Building design and construction, U.S. Green Building Council®

Norwegian A20 list (2018): List of Priority Substances. The Norwegian Environment Agency

REACH (2006): Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006. REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list

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