

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, United Arab Emirates (kWh)	ecoinvent 3.3 Alloc Rec	1113,82	g CO2-ekv/kWh

Dangerous substances




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

Indoor environment

The declared product is emission tested by RISE Research Institutes of Sweden/SP Technical Research Institute of Sweden or Eurofins in accordance with California Department of Public Health (CDPH) Standard Method v1.1–2010.

Bibliography

- ISO 14025:2010 Environmental labels and declarations - Type III environmental declarations - Principles and procedures
 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
 IBU PCR Part B: Requirements on the EPD for Coatings with organic binders. v1.4, September 2016
 Vold et al (2017). EPD and LCA tool for Jotun - Technical description and background information, OR 01.17, Ostfold Research, Fredrikstad 2017
 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
- BREEAM International (2016): BREEAM International New Construction Technical Manual. SD233-2.0:2017
 CARB SCM (2007): California Air Resources Board (CARB) Suggested Control Measure for Architectural Coatings
 CDPH method 1.1 (2010): Standard method for the testing and evaluation of volatile organic chemical emissions from indoor sources. California Department of Public Health
 ISO 16000-series of indoor air standards for VOCs sampling and determination, i.e. ISO 16000-3, 6(2011); 9, 10, 11(2006)
 LEED® v4: LEED® v4 for Building design and construction, U.S. Green Building Council®
 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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