

CLIMATE DECLARATION FOR FLEXIBLE SHEET FOR WATERPROOFING ALKORTEC A (1,5 MM)

Functional unit: 1 m² plastic sheet for roof waterproofing

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

Renolit's plastic sheets are used for roof waterproofing. Renolit Alkorplan F is a single ply multi-layer plastic sheet for roof waterproofing based on polyvinyl chloride (PVC), ethyl vinyl acetate (EVA) and ethylbutyl acrylate (EBA) with a laminated polyester fleece. Renolit AlkorteC A plastic sheets are available in different thicknesses.

Renolit's sheets have been used throughout the world for almost 40 years, waterproofing flat roofs in both new construction and renovation projects for nearly all building types. The roofing membranes can be grouped in the European Standards for plastic and rubber sheets: the EN-13956 and EN-13707. The UN CPC code of this group is 36390: plates, sheets, film, foil and strip, of plastics.



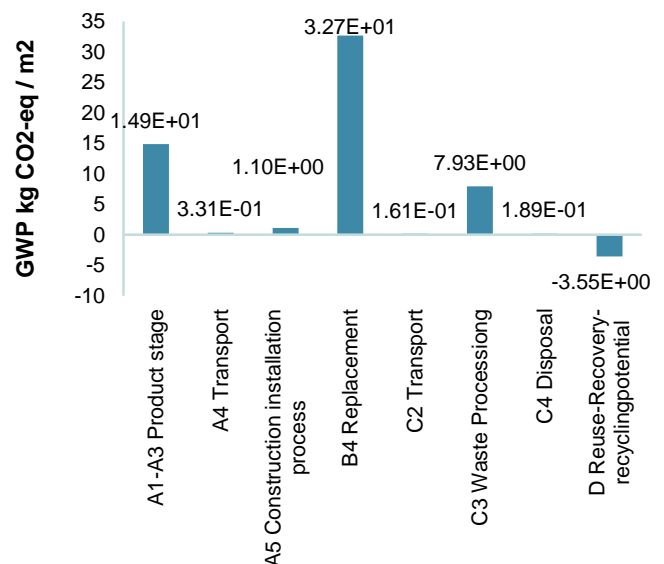
Information about the company

'Renolit Waterproofing' is the second largest manufacturer of synthetic single ply membrane in Europe. The brand name ALKOR, which is the subject of this EPD, is a thermoplastic membrane based on PVC-P.

The production plant of Renolit Iberica is externally verified for its environmental management system in accordance with ISO14001. Health and safety of the workers are furthermore subject to monitoring and external control according national legislation.

Climate declaration

The figure below shows the calculated emissions of greenhouses gases over the life cycle of the product, presented in carbon dioxide equivalents using Global Warming Potential 100 years.



Other environmental impacts

For more information, see the EPD. Available via <http://environdec.com/EN/DETAIL/EPD1182>

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EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM

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PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM

INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025:
EXTERNAL VERIFIER: MATTHIAS SCHULZ

ACCREDITED / APPROVED BY:
THE INTERNATIONAL EPD® SYSTEM

CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE

THIS CLIMATE DECLARATION ONLY ADDRESSES ONE IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE IMPACT CATEGORY DISPLAYED