CLIMATE DECLARATION FOR FLEXIBLE SHEET FOR WATERPROOFING ALKORTEC F (1.5 MM)

Functional unit: 1 m$^2$ plastic sheet for roof waterproofing

The climate declaration shows the emissions of greenhouse gases, expressed as CO$_2$-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 Alkorotec 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 embedded polyester scrim reinforcing. Renolit Alkorotec F 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.

**Climate declaration**

The figure below shows the calculated emissions of greenhouse 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/EPD1184

**Contact information**

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**Table: EPD Programme: The International EPD System**

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

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**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.**