

Climate Declaration

Rewind Flat

Declared unit: 1 m² of packed Rewind Flat (230 g/m²)

Type: Cradle-to-gate with options, A4, A5, C and D

Product Description



The declared unit is 1 m² of finished and packed Rewind Flat carpet with a weight of 230 g/m² produced at Beaulieu Flooring Solutions (BFS). Rewind is an event carpet that is used for trade shows/fairs/exhibitions worldwide. Rewind Flat is made of 100% Polypropylene (PP) fibers.

Description of the Organisation

A leading producer of needle punch carpet for a wide variety of applications, BFS Europe nv is a member of the Beaulieu International Group (B.I.G.). The bulk of our production is wall-to-wall needle punched carpet in either rolls or tiles, and these are sold under the brand names Orotex and Real. They are useful for a wide variety of applications including domestic use, the automotive industry, exhibition and salons, heavy contract carpet and outdoor needle felt.

Climate Declaration

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents per 1 m² of finished and packed Rewind Flat carpet. Two scenarios are shown for the end-of-life. (1) 100% recycling. Since Rewind is designed to be recycled and its raw material stays clean throughout the cycle, Rewind carpets convert into premium recycled PP pellets. (2) 100% incineration. Although Rewind is designed to be recycled, unfortunately in practice it is not always recycled everywhere yet. This scenario is included to show the whole picture.

The declaration is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804. For the full EPD, please see www.environded.com.

Contact

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Total Global Warming Potential (kg CO₂ eq./ 1 m²)

| Scenario | GWP | Product Stage | Transport to Construction | Construction Installation | Use stage | De-construction | Transport to waste processing | Waste processing | Disposal | Reuse-Recovery-Recycling-potential |
|-------------------|--------------|---------------|---------------------------|---------------------------|-----------|-----------------|-------------------------------|------------------|-------------|------------------------------------|
| | | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| 100% recycling | Fossil | 0,44 | 0,0029 | 0,010 | ND | 0,00 | 0,0093 | 0,090 | 0,00 | -0,35 |
| | Biogenic | -0,028 | -0,00 | 0,029 | ND | 0,00 | -0,00 | 0,00082 | 0,00 | -0,0024 |
| | Luluc | 0,0010 | 0,00 | 0,00 | ND | 0,00 | 0,000052 | 0,00 | 0,00 | -0,00 |
| | Total | 0,41 | 0,0030 | 0,039 | ND | 0,00 | 0,0093 | 0,090 | 0,00 | -0,35 |
| 100% incineration | Fossil | 0,44 | 0,0029 | 0,010 | ND | 0,00 | 0,0093 | 0,76 | 0,00 | -0,40 |
| | Biogenic | -0,028 | -0,00 | 0,029 | ND | 0,00 | -0,00 | -0,00 | 0,00 | -0,0016 |
| | Luluc | 0,0010 | 0,00 | 0,00 | ND | 0,00 | 0,000052 | 0,00 | 0,00 | -0,00 |
| | Total | 0,41 | 0,0030 | 0,039 | ND | 0,00 | 0,0093 | 0,76 | 0,00 | -0,40 |

This single-issue EPD only addresses one environmental 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 single impact category displayed. For the full report, please see the Environmental Product Declaration document.

EPD Programme: The International EPD® System
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CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE

EPD Producer: Beaulieu Flooring Solutions
Third Party Verifier: Elisabet Amat, GREENIZE Projects
Approved by: The International EPD® System
UN CPC 272: Carpets and other textile floor coverings