



The 6<sup>th</sup> of August 2024

Dear customer,

We have performed the Life Cycle Assessment (LCA) of **EKOTOP BS VELOURS**. Please find below the scope and carbon footprint values obtained:

**Life Cycle Assessment Scope:**

|                   |  |
|-------------------|--|
| Functional unit   | 1 kg of Cimentol’s paint (as bulk – without packaging)   |
| System boundaries | Cradle to Cimentol’s Gate<br>Product manufactured in Houdan plant (78 – France)  |
| Standards         | ISO 14040, ISO 14044 and ISO 14067   |
| Software          | SimaPro v9.5   |
| Database          | <ul style="list-style-type: none"> <li>Ecoinvent database v3.8 cut-off</li> <li>CEPE database (European Council of the Paint, Printing Ink, and Artist’s Colours Industry)</li> <li>Environdec database (EPD library)</li> </ul> |
| Method            | IPCC 2021 GWP 100  |
| Data sources      | Primary data from suppliers (raw materials) and Cimentol site (transport of raw material, composition, process data...)<br>Secondary data from database  |

**Carbon footprint values:**

| <b>EKOTOP BS VELOURS</b>   |              |                                      |
|--|--------------|--------------------------------------|
| <b>Carbon Footprint</b>  | <b>Value</b> | <b>Unit</b>                          |
| Climate change impact (IPCC 2021 GWP 100)  | 1.65         | kg CO <sub>2</sub> -eq/kg of product |
| CO <sub>2</sub> storage based on binder biogenic carbon content (according to C <sup>14</sup> analysis - EN 16640) | 0.15         |                                      |
| <b>Carbon Footprint including biogenic carbon storage*</b>   | <b>1.50</b>  |                                      |

\* Value defined according to the recommendation of the ACDV (French Biobased Chemistry Association) – Guide “Practical recommendations for the environmental assessment of biobased chemical products” – 2023

These results have been obtained with the scope as mentioned above with currently available specific or generic data and calculation method. If any of these items differ, results are subject to change. Values are indicative, non-binding and are not verified by a third-part.

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