PRODUCT CARBON FOOTPRINT REPORT

The 6th of August 2024

Dear customer,

We have performed the Life Cycle Assessment (LCA) of **PROTECTHAN HYDRO BRILLANT**. 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 Product manufactured in Houdan plant (78 - France)
Standards	ISO 14040, ISO 14044 and ISO 14067
Software	SimaPro v9.5
Database	• Ecoinvent database v3.8 cut-off • CEPE database (European Council of the Paint, Printing Ink, and Artist's Colours Industry)
Method	IPCC 2021 GWP 100
Data sources	Primary data from suppliers (raw materials) and Cimentol site (transport of raw material, composition, process data…) Secondary data from database

Carbon footprint values:

PROTECTHAN HYDRO BRILLANT		
Carbon Footprint	***Value***	***Unit***
Climate change impact (IPCC 2021 GWP 100)	2.02	kg CO_2-eq/kg of product
CO_2 storage based on binder biogenic carbon content (internally determined according to EN 16640)	0.27	
Carbon Footprint including biogenic carbon storage*	**1.75**	

* 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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