

ENVIRONMENTAL PRODUCT DECLARATION

as per ISO 14025 and EN 15804+A2

Owner of the Declaration	James Halstead PLC
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Expona Control PUR
James Halstead plc

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Name	Value	Unit
Maintenance cycle	156	Number/RSL
Water consumption	0.003	m ³
Electricity consumption	0.037	MJ
Auxiliary (detergent)	0.044	kg

End of Life (C1-C4)

Name	Value	Unit
Electricity consumption for deconstruction (C1)	0.09	MJ
Transport distance (via truck) (C2)	25	km
Energy recovery, (100%, scenario 0)	4.29	kg
Recycling (100%, Scenario 1)	4.29	kg
Landfilling (100%, Scenario 2)	4.29	kg

Recovery, reuse and/or recycling potentials (D), relevant scenario information

Benefits for potential avoided burdens during treatment of packaging materials, installation cuttings and/or auxiliaries (from module A5) due to energy substitution of electricity and thermal energy generation and/or material recycling under European conditions are declared in module D (duplicated in modules D/1 and D/2) and affects only the rate of primary material (no secondary materials).

Loads and benefits beyond the product system boundary from thermal treatment of the floor covering with benefits for potential avoided burdens due to energy substitution of electricity and thermal energy under European conditions is declared in module D.

No benefits were accounted from the recycling EoL scenario (C3/1) in module D/1.

No benefits were accounted from the landfill EoL scenario (C4) in module D/2.

PCR Part B

PCR – Part B: Requirements of the EPD for Floor coverings, v10, Institut Bauen und Umwelt e.V., www.bau-umwelt.com, 01.08.2021.

Polyflor LCA tool

LCA tool for PVC floor coverings
LCA Tool No.: IBU-JHA-202401-LT1-EN
Developed by Sphera Solutions

Sphera LCA FE (GaBi ts)

GaBi ts dataset documentation for the software-system and databases, LBP, University of Stuttgart and thinkstep, Leinfelden-Echterdingen, 2023 (<https://www.gabi-software.com/support/gabi>).

Sphera LCA Calculator Software (GaBi Envision)

GaBi Envision 5.0 Sphera Solution GmbH, the LCA, EPD and Ecodesign tool, <http://www.gabisoftware.com/international/software/gabi-envision/>, 2023



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