

Environmental Product Declaration (EPD)

Short Version

Declaration code: EPD-STA-0.3.1



Hörmann KG
Brockhagen

industrial sectional doors made of aluminum



Basic principles:

DIN EN ISO 14025
EN15804

Company-EPD
Environmental
Product Declaration

date of issue:
25.11.2016

next Revision
25.11.2021



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Program operator	ift Rosenheim GmbH Theodor-Gietl-Straße 7-9 83026 Rosenheim		
LCA specialist	ift Rosenheim GmbH Theodor-Gietl-Straße 7-9 83026 Rosenheim		
Declaration holder	Hörmann KG Brockhagen Horststraße 17 33803 Steinhagen		
Declaration code	EPD-STA-0.3.1		
Designation of the declared product	Aluminum industrial sectional doors		
scope	Hörmann sectional doors for outside (and inside) use as a space saving closure for building openings and entrances in industrial, commercial and private areas.		
basis	This EPD has been developed on the basis of EN ISO 14025: 2011 and EN 15804: 2012. In addition, the general guide for the preparation of Type III environmental product declarations applies. The declaration is based on the PCR document "Türen und Tore" PCR-TT-1.1: 2011		
validity	date of issue: 25.11.2016	last revision: 25.11.2016	next revision: 25.11.2021
	This verified company Environmental Product Declaration applies solely to the specified products and is valid for a period of 5 years from the date of issue according to EN 15804.		
Lca basis	The LCA was prepared in accordance with EN ISO 14040 and EN ISO 14044. The base data include both data collected at Hörmann KG Brockhagen and generic data from the „GaBi ts“ database. The Life Cycle Assessment was calculated through the life cycle „cradle to grave“ taking into account all upstream chains such as raw material exploitation		
Notes on publication	The "Conditions and Guidance on the Use of ift Test Documents" apply. The declaration holder assumes full liability for the underlying data, certificates and verifications.		
			
Prof. Ulrich Sieberath Director of Institute		Florian Stich	

Note: Further information can be found in the long version.



Product group: gates

[illegible]

results per m ² Aluminum industrial sectional doors product group 2 (part 3 of 3)			
Environmental impcats	unit	slip door A1-A3	drives A1-A3
Global warming potential (GWP)	kg CO ₂ -Äqv.	18,6	89,2
Ozone depletion potential (ODP)	kg R11-Äqv.	4,10E-09	8,92E-07
Acidification potential of soil and water (AP)	kg SO ₂ -Äqv.	0,093	0,428
Eutrophication potential (EP)	kg PO ₄ ³⁻ -Äqv.	0,005	0,029
Photochemical ozone creation potential (POCP)	kg C ₂ H ₄ -Äqv.	0,006	0,035
Abiotic depletion potential - non-fossil resources (ADP - elements)	kg Sb-Äqv.	7,48E-04	0,014
Abiotic depletion potential - fossil resources	MJ	204	1,10E+03
Use of ressources	unit	slip door A1-A3	drives A1-A3
Use of renewable primary energy - excluding renewable primary energy resources used as raw materials	MJ	-	236
Use of renewable primary energy resources used as raw materials (material use)	MJ	-	0
Total use of renewable primary energy resources (primary energy and renewable primary energy resources used as raw materials) (energy + material use)	MJ	82,4	236
Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials.	MJ	-	1,25E+03
Use of non-renewable primary energy resources used as raw materials (material use)	MJ	-	0
Total use of non-renewable primary energy resources (primary energy and non-renewable primary energy resources used as raw materials) (energy + material use)	MJ	236	1,25E+03
Use of secondary materials	kg	0	0
Use of ressources	unit	slip door A1-A3	drives A1-A3
Use of renewable secondary fuels	MJ	0	0
Use of non-renewable secondary fuels	MJ	0	0
Use of net fresh water	m ³	0,215	0,74
Waste categories	unit	slip door A1-A3	drives A1-A3
Hazardous waste disposed	kg	3,51E-07	4,57E-05
Non-hazardous waste disposed (municipal waste)	kg	4,74	13
Radioactive waste	kg	0,013	0,046
Output material flows	unit	slip door A1-A3	drives A1-A3
Components for re-use	kg	0	0
Materials for recycling	kg	0	0
Materials for energy recovery	kg	0	0
Exported energy (electricity)	MJ	0	0
Exported energy (thermal energy)	MJ	0	0

Imprint

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notes

This EPD is mainly based on the work and findings of the Institut für Fenstertechnik e.V., Rosenheim (ift Rosenheim) and specifically on the ift-Guideline NA.01/1 – Guidance on the Preparation of Type III Environmental Product Declarations.

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Layout

ift Rosenheim GmbH – 2015

Pictures (first page)

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