

Environmental Product Declaration (EPD)

short version

Declaration code: EPD-SRR-GB-5.1



TECKENTRUP
DOOR SOLUTIONS

Teckentrup GmbH
& Co. KG

doors

industrial sectional doors, sectional garage doors, roller shutters and roller grilles



basis:

DIN EN ISO 14025
EN15804

company-EPD
Environmental
Product Declaration

Date of issue:
27.02.2018

next revision:
27.02.2023





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LCA specialist	ift Rosenheim GmbH Theodor-Gietl-Straße 7-9 83026 Rosenheim		
Declaration holder	Teckentrup GmbH & Co. KG Industriestraße 50 33415 Verl-Sürenheide		
Declaration code	EPD-SRR-GB-5.1		
Designation of the declared product	industrial sectional doors, sectional garage doors, roller shutters and roller grilles		
scope	Teckentrup industrial sectional doors, sectional garage doors, roller shutters and roller grilles for external (and internal) use as a shutter for building openings and vehicle entrances in industrial, commercial and residential applications.		
basis	This EPD was prepared on the basis of EN ISO 14025:2011 and EN 15804:2012+A1:2013. In addition the "General guideline for elaboration of type III environmental product declarations" applies. This Declaration is based on the PCR Document „Türen und Tore“ – PCR-TT-1.1:2013“		
validity	date of issue: 27.02.2018	last revision : 16.07.2019	next revision : 27.02.2023
	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 Teckentrup GmbH & Co. KG and generic data from the "GaBi ts" database. LCA calculations were based on the "cradle to gate with options" life cycle (e.g. raw materials production).		
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		 Dr.-Ing. Carolin Roth External Verifier	

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



Product group: doors

results per m ² garage sectional door (part 2 of 2)																
Use of resources	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Use of renewable secondary fuels	MJ	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Use of non-renewable secondary fuels	MJ	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Use of net fresh water	m ³	7,15E-02	4,89E-04	1,07E-02	-	2,68E-03	2,21E-03	-	-	5,57E-02	0,00	1,44E-03	9,49E-05	4,96E-04	3,91E-03	-2,83E-02
Waste categories	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste disposed	kg	1,17E-05	2,79E-07	8,57E-11	-	2,09E-09	8,76E-08	-	-	5,61E-08	0,00	1,45E-09	5,41E-08	5,00E-10	5,52E-09	-1,25E-07
Non-hazardous waste disposed (municipal waste)	kg	0,46	4,06E-04	3,41E-03	-	1,20E-03	8,83E-03	-	-	8,55E-02	0,00	2,21E-03	7,87E-05	7,61E-04	1,42	-0,25
Radioactive waste	kg	9,42E-03	6,77E-06	7,54E-05	-	3,97E-05	1,95E-04	-	-	1,89E-02	0,00	4,89E-04	1,31E-06	1,68E-04	1,69E-05	-5,19E-03
Output material flows	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	-
Materials for recycling	kg	3,67	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	12,37	0,00	-
Materials for energy recovery	kg	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	-
Exported energy (electricity)	MJ	0,00	0,00	6,09	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	2,43	-
Exported energy (thermal energy)	MJ	0,00	0,00	14,87	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	5,32	-



Product group: doors

results per m ² industrial sectionaldoor (part 2 of 2)																
Use of resources	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Use of renewable secondary fuels	MJ	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Use of non-renewable secondary fuels	MJ	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Use of net fresh water	m ³	0,15	1,03E-03	2,43E-02	-	2,68E-03	2,21E-03	-	-	0,42	0,00	3,01E-03	1,98E-04	4,96E-04	8,09E-03	-6,10E-02
Waste categories	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste disposed	kg	1,72E-05	5,89E-07	2,00E-10	-	2,09E-09	8,76E-08	-	-	4,24E-07	0,00	3,04E-09	1,13E-07	5,00E-10	1,27E-08	-2,63E-07
Non-hazardous waste disposed (municipal waste)	kg	1,26	8,57E-04	7,95E-03	-	1,20E-03	8,83E-03	-	-	0,65	0,00	4,62E-03	1,65E-04	7,61E-04	3,28	-0,57
Radioactive waste	kg	1,72E-02	1,43E-05	1,74E-04	-	3,97E-05	1,95E-04	-	-	0,14	0,00	1,02E-03	2,75E-06	1,68E-04	3,59E-05	-1,10E-02
Output material flows	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	-
Materials for recycling	kg	1,03	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	25,57	0,00	-
Materials for energy recovery	kg	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	-
Exported energy (electricity)	MJ	0,00	0,00	12,92	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	5,02	-
Exported energy (thermal energy)	MJ	0,00	0,00	35,13	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	10,99	-



Product group: doors

results per m ² roller shutter, (part 2 of 2)																
Use of resources	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Use of renewable secondary fuels	MJ	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Use of non-renewable secondary fuels	MJ	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Use of net fresh water	m ³	0,18	1,13E-03	1,43E-02	-	2,68E-03	2,21E-03	-	-	0,42	0,00	3,56E-03	2,35E-04	4,96E-04	8,26E-03	-7,94E-02
Waste categories	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste disposed	kg	7,25E-06	6,42E-07	1,30E-10	-	2,09E-09	8,76E-08	-	-	4,24E-07	0,00	3,59E-09	1,34E-07	5,00E-10	1,35E-08	-3,08E-07
Non-hazardous waste disposed (municipal waste)	kg	1,47	9,35E-04	5,16E-03	-	1,20E-03	8,83E-03	-	-	0,65	0,00	5,46E-03	1,94E-04	7,62E-04	3,49	-0,97
Radioactive waste	kg	1,97E-02	1,56E-05	1,03E-04	-	3,97E-05	1,95E-04	-	-	0,14	0,00	1,21E-03	3,24E-06	1,68E-04	3,70E-05	-1,12E-02
Output material flows	unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	-
Materials for recycling	kg	1,96	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	30,85	0,00	-
Materials for energy recovery	kg	0,00	0,00	0,00	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	0,00	-
Exported energy (electricity)	MJ	0,00	0,00	8,05	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	5,13	-
Exported energy (thermal energy)	MJ	0,00	0,00	20,67	-	0,00	0,00	-	-	0,00	0,00	0,00	0,00	0,00	11,21	-

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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