

EPD sliding and folding doors

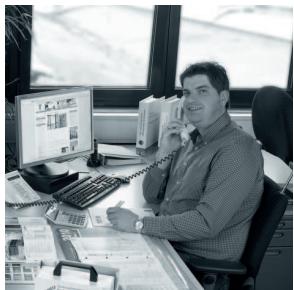
Short version

Environmental Product Declaration

in accordance with ISO 14025 and EN 15804

sliding and folding doors (Company-EPD)

Teckentrup GmbH & Co. KG



Declaration code
EPD-EF-GB-5.0

Environmental Product Declaration in accordance with ISO 14025 and EN 15804

Sliding and folding doors



Summary (Part 1 of 2)

Programme operator	ift Rosenheim GmbH Theodor-Gietl-Strasse 7-9 83026 Rosenheim		LCA prepared by	Life Cycle Engineering Experts GmbH Berliner Allee 58 64295 Darmstadt	
Declaration holder	Teckentrup GmbH & Co. KG Industriestraße 50 33415 Verl-Sürenheide				

LCA results per m ² sliding door	Product stage	Construction stage						Use stage	
		A1 – A3	A4	A5	B1	B2	B3	B4	
Primary energy – non-renewable (PE _n _{renw}) in MJ		1590,67	24,22	-	-	0,01	-	-	
Primary energy – renewable (PE _{rew}) in MJ		57,60	1,43	-	-	3,00E-4	-	-	
Global warming potential (GWP 100) in kg CO ₂ -equiv.		133,06	1,77	-	-	1,12E-3	-	-	
Ozone depletion potential (ODP) in kg R11-equiv.		7,87E-9	3,69E-11	-	-	-4,46E-16	-	-	
Acidification potential (AP) in kg SO ₂ -equiv.		0,47	0,01	-	-	1,40E-4	-	-	
Eutrophication potential (EP) in kg PO ₄ 3-equiv.		0,04	1,94E-3	-	-	5,24E-07	-	-	
Photochemical ozone creation potential (POCP) in kg C ₂ H ₄ -equiv.		0,07	-2,76E-3	-	-	2,72E-07	-	-	
Abiotic depletion potential (elements) (ADP _{el.}) in kg Sb-equiv.		2,7E-4	8,14E-8	-	-	2,96E-10	-	-	
Abiotic depletion potential (fossil) (ADP _{fos}) in MJ		1590,67	24,22	-	-	8,46E-3	-	-	
Water consumption in m ³		41,11	0,11	-	-	2,84E-4	-	-	

The values expressed as [-] cannot be shown since they are inexistent or marginal. Sections that are not relevant are described in the Annex.

Prof. Ulrich Sieberath Director of Institute	Patrick Wortner Verifier

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The table shows an extract of the environmental impacts. All values required as per EN 15804 are presented in the detailed version

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PÜZ-Stelle: BAY 18

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LCA results per m ² folding door	Product stage	Construction stage						Use stage	
		A1 – A3	A4	A5	B1	B2	B3	B4	
Primary energy – non-renewable (PE _n _{rew}) in MJ		1260,55	10,85	-	-	0,02	503,10	-	
Primary energy – renewable (PE _{rew}) in MJ		45,20	0,64	-	-	5,99E-4	12,30	-	
Global warming potential (GWP 100) in kg CO ₂ -equiv.		96,84	0,79	-	-	2,24E-3	22,37	-	
Ozone depletion potential (ODP) in kg R11-equiv.		7,06E-9	1,65E-11	-	-	-8,92E-16	1,47E-8	-	
Acidification potential (AP) in kg SO ₂ -equiv.		0,29	3,59E-3	-	-	2,80E-6	0,04	-	
Eutrophication potential (EP) in kg PO ₄ 3–-equiv.		0,03	8,70E-4	-	-	1,05E-6	3,53E-3	-	
Photochemical ozone creation potential (POCP) in kg C ₂ H ₄ -equiv.		0,05	-1,24E-3	-	-	5,44E-7	0,01	-	
Abiotic depletion potential (elements) (ADP _{el.}) in kg Sb-equiv.		1,42E-5	3,65E-8	-	-	5,92E-10	4,64E-6	-	
Abiotic depletion potential (fossil) (ADP _{fos}) in MJ		1260,55	10,85	-	-	0,02	503,05	-	
Water consumption in m ³		35,97	0,05	-	-	0,01	10,99	-	

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