

Sources														
Resource name	Technical specification	Product	Manufacturer	EPD program	EPD number	Environment Data Source	Standard	Verification	Year	Country	Upstream database	Density	Product Category Rules (PCR)	
Aluminium-coated corrugated sheets, for roofing and cladding	0.70 mm	AlumiGard	ColorCote	Australasian EPD System	S-P-01539	EPD for AlumiGard, MagnaFlow and ZinaCore pre-painted roofing and cladding	EN15804+A1	Third-party verified (as per ISO 14025)	2019	New Zealand	GaBi		PCR 2012:01 Construction products and construction services, Version 2.2 (2017-05-03), PCR 2011:16 Corrosion Protection of Fabricated Steel Products, UN CPC 88731, version 2.2 (2017-06-08).	
Cement plaster, grey	bulk density 1.1 kg/dm3, fresh mortar 1.4 kg/dm3, 2-100 mm	Ardex A 950	Ardex	IBU	EPD-ADX-20160076-IBG1-DE	Umwelt Produktdeklaration ARDEX – ARDEX A 950 - Flexspachtel, grau	EN15804+A1	Third-party verified (as per ISO 14025)	2013	germany	GaBi	1400.0	PCR geprüft und zugelassen durch den unabhängigen Sachverständigenrat	
Extruded polystyrene insulation panel (XPS)	R=1.2 m2K/W, L= 0.033 W/mK, 40 mm, 1.25 kg/m2, 31.25 kg/m3, Lambda=0.033 W/(m.K)	SOPREMA XPS SL 40 mm	SOPREMA SAS	INIES	INIES_IPA N20201224_093327, 25649	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2021	france	ecoinvent	31.25	EN15804+A1	
Gypsum plaster, for mechanical application and fire protection	10 mm, 4 kg/m2, bulk density: 450 kg/m3	Igniver	Saint-Gobain PPC Italia Spa,	International EPD System	S-P-01688	EPD Gyproc Igniver	EN15804+A1	Third-party verified (as per ISO 14025)	2020	italy	ecoinvent		PCR 2012:01 Construction products and Construction services, ver 2.3	
Gypsum plasterboard, fire resistant	12.5 mm, 11 kg/m2	SINIAT pregyflam BA13	Etex Building Performance S.p.A.	EPD Hub	HUB-1419	EPD SINIAT pregyflam BA13	EN15804+A1 , EN15804+A2	Third-party verified (as per ISO 14025)	2024	italy, OCLEPD	ecoinvent		PCR EPD Hub Core PCR version 1.0, 1 Feb 2022	
Hollow bricks, for walls	127 kg/m2		CENTRE TECHNIQUE DE MATÉRIAUX NATURELS DE CONSTRUCTION	INIES	INIES_CB RI20180208_104037, 29406	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2018	france	ecoinvent		EN15804+A1	
Lightweight fibre cement slabs, fiber-reinforced, for indoor and outdoor use	12.5 mm, 12 kg/m2, 960 kg/m3, fire resistance class = A1	Aquafire	Bifire srl	International EPD System	S-P-01593	EPD Aquafire and Supersil (6, 9 and 12 mm)	EN15804+A1	Third-party verified (as per ISO 14025)	2019	italy	ecoinvent		PCR 2012:01 Construction products and Construction services, ver. 2.2, 03/05/2017, PCR ACOUSTICAL SYSTEM SOLUTIONS (Construction PRODUCT) (v2.2) PCR 2012:01-SUB-PCR-C	
Metal framing components for gypsum plasterboard, carrier (C) and non-carrier (U) types	thickness: 0.4-0.6 to 0.5 - 2.0 mm, 7850 kg/m3		UMS	International EPD System	S-P-00869	EPD Steel Profiles and Accessories	EN15804+A1	Third-party verified (as per ISO 14025)	2017	turkey	ecoinvent	7850.0	PCR 2012:01 Construction products and Construction service, ver. 2.01, 09/03/2016	

Resource name	Technical specification	Product	Manufacturer	EPD program	EPD number	Environment Data Source	Standard	Verification	Year	Country	Upstream database	Density	Product Category Rules (PCR)
PVC waterproofing membrane	1.5 mm, 1.80 kg/m2, fire resistance class = E	FLAGON PVC SV/SA-300	Soprema (2021)	International EPD System	S-P-01604, ver. 5	EPD FLAGON PVC, ver. 5	EN15804+A1	Third-party verified (as per ISO 14025)	2019	italy	ecoinvent		PCR 2012:01 Construction products and Construction services, ver. 2.1, 03/05/2017
Parquet flooring with birch under-layer	9.53 kg/m2, thickness=14 mm	SP14	Parchettificio Garbelotto S.r.l.	EPD Italy	EPDITALY 0147	EPD Pavimenti in legno Collezione Garbelotto SP14	EN15804+A1	Third-party verified (as per ISO 14025)	2019	italy	ecoinvent		PCR ICMQ-001/15 rev2.1
Plywood board	Thickness: 15 mm, 7 ply layers, Lambda=0.13 W/(m.K)		Panguaneta	International EPD System	S-P-01117	EPD MULTILAYER PANELS OF POPLAR PLYWOOD	EN15804+A1	Third-party verified (as per ISO 14025)	2017	italy	ecoinvent	900.0	PCR 2012:01 Construction products and Construction services, ver. 2.2, 30/05/2017
Ready-mix concrete for ground slabs	C25/30 XC1/XC2 CEM II/A, 2387.04kg/m3		SNBPE	INIES	INIES_CB ÉT2019072 4_131702, 22908	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2019	france	ecoinvent	2387.04	EN15804+A1
Ready-mix concrete, low-strength, generic	C12/15 (1700/2200 PSI), 0% recycled binders in cement (220 kg/m3 / 13.73 lbs/ft3)			One Click LCA	-	One Click LCA	EN15804+A1 , EN15804+A2	Internally verified	2018	LOCAL	One Click LCA	2200.0	EN15804+A1
Reinforced concrete beam for seismic zone	2406.1 kg/m3, C25/30 XC3/XC4 CEMII/A		SNBPE	INIES	INIES_CB ÉT2019072 9_151252, 11065	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2019	france	ecoinvent	2406.1	EN15804+A1
Roofing tile from clay (terracotta), flat (shingles)	285 x 475 mm (11.2 x 18.7 in), 10 pcs/m2, 3.5 kg/pcs, 35 kg/m2		One Click LCA	One Click LCA	-	One Click LCA	EN15804+A1 , EN15804+A2	Internally verified	2023	LOCAL	One Click LCA		EN15804+A1, EN15804+A2
Sawn timber, planed	biogenic CO2 not substracted, 489 kg/m3	Sägewerk Brilon	Fritz EGGER	IBU	EPD-EGG-20140248-IBA2-DE	Oekobau.dat 2017-I, EPD EGGER Schnittholz gehobelt EGGER Sägewerk Brilon GmbH	EN15804+A1	Third-party verified (as per ISO 14025)	2016	germany	GaBi	489.0	PCR Vollholzprodukte, 07/2014
Screed, self-levelling	3-40 mm, 1300 kg/m3 (bulk)	Novoplan Maxi	Mapei	International EPD System	S-P-00908	EPD for Ultraplan, Ultraplan Eco, Ultraplan Maxi, Novoplan Maxi	EN15804+A1	Third-party verified (as per ISO 14025)	2016	italy	GaBi	1300.0	PCR 2012:01 Construction products and Construction service, ver. 2.01, 09/03/2016

