

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)
Argon gas filled insulating glass unit (IGU) with one tempered and one clear float glass panes, double glazed	4-16-4, 20 kg/m2		One Click LCA	One Click LCA	-	One Click LCA	EN15804+A1 EN15804+A2	Internally verified	2024	LOCAL	One Click LCA, LCA Commons, IDEMAT		EN15804+A1, EN15804+A2
Cross-laminated timber (CLT), biogenic CO2 not subtracted (for CML)	120 mm, 470 kg/m3		LIGNATEC	INIES	INIES_IPAN20171109_122401, 34867	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2022	france	ecoinvent	470.0	EN15804+A1
Electricity, Italy				One Click LCA		LCA study for country specific electricity mixes based on IEA, OneClickLCA 2024		Internally verified	2022	italy	One Click LCA		
Expanded Insulation Corkboard (ICB)	L= 0.040 W/m.K, 1-300 mm, 115 kg/m3		Amorim Cork Insulation	EPD Hub	HUB-0281	EPD Expanded Insulation Corkboard (ICB) Amorim Cork Insulation	EN15804+A1 EN15804+A2	Third-party verified (as per ISO 14025)	2023	portugal, OCLEPD	ecoinvent	115.0	EPD Hub Core PCR version 1.0, 1 Feb 2022
Glue laminated timber (Glulam) beams	485.7 kg/m3, biogenic CO2 not subtracted (for CML)	Poutre en Douglas lamellé-collé hors aubier des adhérents de France Douglas	France Douglas	INIES	INIES_CPOU20190219_111121, 26811	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2019	france	ecoinvent	485.7	EN15804+A1
Gypsum plasterboard, fire resistant	12.5 mm, 11 kg/m2	SINIAT pregylflam BA13	Etex Building Performance S.p.A.	EPD Hub	HUB-1419	EPD SINIAT pregylflam 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
Hemp, linen and cotton insulation with PE binder, biogenic CO2 not subtracted (for CML)	L=0.039 W/mK, R=2.55 m2K/W, 100 mm, 3 kg/m2, 30 kg/m3, Lambda=0.039 W/(m.K)	Biofib`Trio	CAVAC BIOMATERIAUX	INIES	INIES_IBIO20151110_143442, 28292	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2018	france	ecoinvent	30.0	EN15804+A1
Interior clay plaster coating	3 - 4 mm, 4.17 kg/m2, A4 >500km		DONNEE ENVIRONNEMENTALE GENERALE PAR DEFAULT	INIES	INIES_DEND20190219_115549, 9168	MDEGD_FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2019	france	ecoinvent		EN15804+A1

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OSB ceiling/roofing board	Thickness: 6 - 45 mm, 450 kg/m3, Lambda=0.13 W/(m.K)	Solaio	Posatori Franciatorta	International EPD System	S-P-01101	EPD Dichiarazione Ambientale di Prodotto (EPD) degli elementi costruttivi in legno realizzati da Produttori Franciacorta – copertura, solaio, parete	EN15804+A1	Third-party verified (as per ISO 14025)	2017	italy	ecoinvent	450.0	PCR 2012:01 Construction products and Construction services, ver. 2.2, 30/05/2017
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
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, low-strength, generic	C12/15 (1700/2200 PSI), 40% 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
Ready-mix concrete, normal strength, generic	C32/40 (4600/5800 PSI) with CEM III/B, 75% GGBS content in cement (300 kg/m3; 18.7 lbs/ft3 total cement)		One Click LCA	One Click LCA	-	One Click LCA	EN15804+A1 EN15804+A2	Internally verified	2023	LOCAL	One Click LCA	2400.0	EN15804+A1, EN15804+A2
Recovered solid-strip hardwood flooring	thickness range: 8 - 22mm, 5.26kg/m2, 657 kg/m3 oven-dry, moisture content < 13%		One Click LCA	One Click LCA	-	One Click LCA	EN15804+A1 EN15804+A2	Internally verified	2023	LOCAL	One Click LCA	657.0	EN15804+A1, EN15804+A2
Reinforced concrete beam for seismic zone	2406.1 kg/m3, C25/30 XC3/XC4 CEMII/A		SNBPE	INIES	INIES_CBÉT2 0190729_1512 52, 11065	FDES	EN15804+A1	Third-party verified (as per ISO 14025)	2019	france	ecoinvent	2406.1	EN15804+A1

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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
Sandstone cladding, natural	20 mm, 2550 kg/m3		Casone Group	EPD Italy	EPDITALY0065	Dichiarazione ambientale di prodotto: rivestimento in pietra serena di firenzuola con superficie naturale e sabbiata con bordi rifilati	EN15804+A1	Third-party verified (as per ISO 14025)	2019	italy	ecoinvent	2550.0	PCR ICMQ-001/15 Construction product and Construction service (rev.2) (v. 1.6, 30.11.2017)
Softwood lath (stud), kiln dried, sawn	440 kg/m3, 10% moisture content, coniferous wood		One Click LCA	One Click LCA	-	One Click LCA	EN15804+A1 EN15804+A2	Internally verified	2023	LOCAL	One Click LCA	440.0	EN15804+A1, EN15804+A2
Treated wooden cladding, generic	15-40 mm (0.59-1.57 in), 9.75 kg/m2 (1.99 lbs/ft2)(for 15 mm/0.59 in), 525 kg/m3 (32.8 lbs/ft3), min. G4-1			One Click LCA	-	One Click LCA	EN15804+A1	Internally verified	2018	LOCAL	One Click LCA	525.0	EN15804+A1