



The table below provides the Environmental Product Declarations (EPDs) used in the Embodied Carbon Order of Magnitude (ECOM) embodied carbon estimator on the SEI SE 2050 website.

Material	Source	Link to EPD
Concrete	NRMCA – XXXX-XXXX-20-FA (20-29% Fly Ash)	https://www.nrmca.org/wp-content/uploads/2020/02/NRMCA_EPD10294.pdf
Steel Reinforcement	CRSI – Fabricated Steel Reinforcement	https://www.crsi.org/cfcs/cmsIT/baseComponents/fileManagerProxy.cfc?method=GetFile&fileID=83406608-EB89-B478-754D2D0CDBC4D12A
Masonry – Normal Weight Masonry Block	ASTM – CCMPA EPD	https://ccmpa.ca/wp-content/uploads/2021/01/311.EPD_for_CCMPA_Normal-Weight_And_Light-Weight_Concrete_Masonry_Units.pdf
Masonry – Light Weight Masonry Block	ASTM – CCMPA EPD	https://ccmpa.ca/wp-content/uploads/2021/01/311.EPD_for_CCMPA_Normal-Weight_And_Light-Weight_Concrete_Masonry_Units.pdf
Masonry –Masonry Grout	NRMCA – 0000-2500-20-FA (20-29% Fly Ash)	https://www.nrmca.org/wp-content/uploads/2020/02/NRMCA_EPD10294.pdf
Masonry – Mortar	NRMCA – 0000-2500-20-FA (20-29% Fly Ash)	https://www.nrmca.org/wp-content/uploads/2020/02/NRMCA_EPD10294.pdf
Steel – Rolled Steel Shapes	AISC – Fabricated Hot-Rolled Structural Sections	https://www.aisc.org/globalassets/why-steel/102.1_aisc_epd_-_fab-sections_20160331.pdf
Steel – Plate Steel Fabrications	AISC – Fabricated Steel Plate	https://www.aisc.org/globalassets/why-steel/101.1_aisc_epd_-_fab-plate-20160331.pdf
Steel – Tube Steel (HSS)	AISC – Fabricated Hollow Structural Sections	https://www.aisc.org/globalassets/why-steel/103.1_aisc_epd_fab-hss.pdf
Steel – Open Web Steel Joists	SJI – Open Web Steel Joists	https://steeljoist.org/resources/environmental-product-declarations/
Steel – Steel Deck	SDI – Steel Deck	http://www.sdi.org/wp-content/uploads/2016/04/101.1_SDI_-_EPD_Steel-Roof-and-Floor-Deck_20151215.pdf
Steel – Cold Formed Metal Framing	SRI	https://cdn.scscertified.com/products/cert_pdfs/SCS-EPD-03838_SRI_CFS-Stud-Track_011916_web.pdf?r=1
Timber	AWC EPDs	https://awc.org/sustainability/epd