

OCAPA/DEQ - Oregon Concrete Environmental Product Declaration (EPD) Program

What are EPDs?

An EPD is a third-party certified label that discloses the quantified environmental impacts of producing a product. EPDs can enable comparisons between products serving the same function. For ready mix concrete, EPD are conducted for individual mix designs at the plant level.

Why would my company want EPDs?

1. Allows your concrete products to contribute to points in the new [LEED V4 building rating system](#).
2. Provide clients with information that allows them to choose low impact concrete mixes.
3. Provide a quantitative measurement of a product's impact that can be used as a baseline for future product improvement.

How much will it cost?

OCAPA and DEQ are providing FREE access to an online tool that helps companies create EPDs. There is a cost associated with third party verification that can range from \$1000-\$2500 per plant for up to 100 mix designs.

Are there any incentives?

Yes. OCAPA and DEQ are offering reimbursement for publically available EPDs. We will reimburse up to \$2,500 per plant or 75% the cost of producing EPDs for one plant, whichever is less. (Limit of 8 plants per company)

Need more information?

Contact OCAPA for:

- user agreements
- reimbursements
- schedule tool demonstration
- schedule technical support
 - Sandy Hershfelt:
 - sandy@ocapa.net
 - 503-588-2430

Contact DEQ for:

- EPD questions
- Tool questions
- Technical issues
 - Jordan Palmeri:
 - palmeri.jordan@deg.state.or.us
 - 503-229-6766

EPD "Nutrition" Label	
Your Building Product	
Amount per Unit	
LCA IMACT MEASURES	TOTAL
Primary Energy (MJ)	12.4
Global Warming Potential (kg CO ² eq)	0.96
Ozone Depletion (kg CFC- 11 eq)	1.80E-08
Acidification Potential (mol H ⁺ eq)	0.93
Eutrophication Potential (kg N eq)	6.43E-04
Photo-Oxidant Creation Potential (kg O ₃ eq)	0.121
Your Product's Ingredients: Listed Here	



State of Oregon
Department of
Environmental
Quality