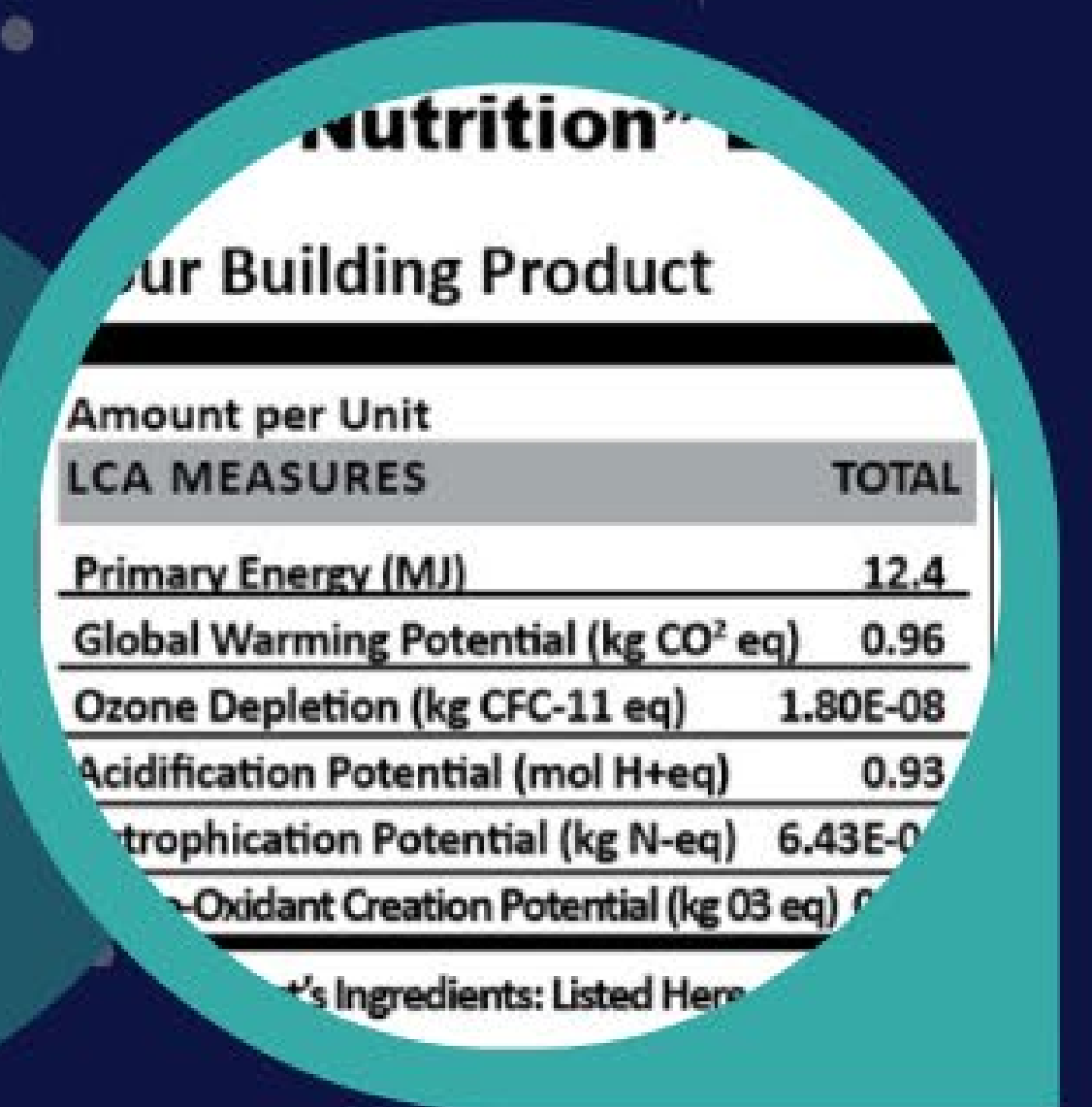




EPDs Environmental Product Declarations

What is an EPD?

An EPD is like a food nutrition label but tells a consumer the Global Warming Potential (GWP) of a product. EPDs quantify environmental information on the life cycle of a product to enable comparisons between products fulfilling the same function.



Nutrition	
Your Building Product	
Amount per Unit	
LCA 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-0
Oxidant Creation Potential (kg O ₃ eq)	

Ingredients: Listed Here



What are EPD Boundries?

Cradle-to-grave EPDs assess resource extraction ('cradle') through the use and disposal phase ('grave').

Cradle-to-gate is an EPD assessment from resource extraction (cradle) to the factory gate.

How are EPDs Calculated?

1. ISO 14025: Type III Environmental Declarations – Principles And Procedures
2. NSF Product Category Rule: Precast Concrete
3. Third Party Verification

Perform LCA based on PCR

Compile LCA in EPD Format

Verification by EPD Program

Publication and Distribution



How does my company create an EPD?

The ACPA recognizes that requirements to supply EPDs impose a significant burden on concrete pipe producers. ACPA's goal is to develop a program that could perform most of the work required to create an EPD that saves producers as much time and money as possible. Reach out to the ACPA for more information on EPDs.