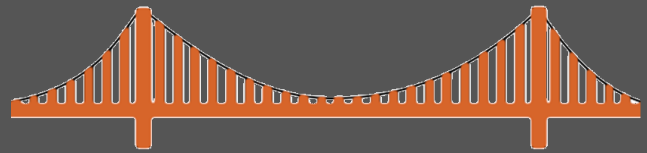


# Bridge View Concrete

## Environmental Product Declaration

Mix 3FAEG9Q1 • South San Francisco (wet) Plant



This Environmental Product Declaration (EPD) reports the impacts for 1 m<sup>3</sup> of ready mixed concrete mix, meeting the following specifications:

- ASTM C94: Ready-Mixed Concrete
- UNSPSC Code 30111505: Ready Mix Concrete
- CSI Section 03 30 00: Cast-in-Place Concrete

### Company

Bridge View Concrete Company  
602 Bridge View Way  
So San Francisco, CA 95108  
<http://www.bridgeviewconcrete.com/>

### Plant

**San Bruno (wet) Plant**  
910 Lee Ave  
San Bruno, CA 95110

### EPD Program Operator

#### Earthsure

PO Box 2449 • Vashon, WA  
<http://iere.org/index.php/programs/earthsure/earthsure-program-management>

### Date of Issue

07/16/2015 (valid for 5 years until  
07/16/2020)

## Environmental Impacts

### Declared Product:

Mix 3FAEG9Q1 • South San Francisco (wet) Plant  
50% SCM Gen Use 3" Line w/c 0.30  
Compressive strength: 3500 psi at 28 days

### Declared Unit: 1 m<sup>3</sup> of concrete

Global Warming Potential (kg CO <sub>2</sub> -eq)	390
Ozone Depletion Potential (kg CFC-11-eq)	2.1E-5
Acidification Potential (kg SO <sub>2</sub> -eq)	2.4
Eutrophication Potential (kg N-eq)	3.2E-1
Photochemical Smog Creation Potential (kg O <sub>3</sub> -eq)	43
<b>Total Primary Energy Consumption (MJ)</b>	<b>2,900</b>
Nonrenewable (MJ)	2,900
Renewable (MJ)	4.0
<b>Total Concrete Water Consumption (m<sup>3</sup>)</b>	<b>3.3</b>
Batching Water (m <sup>3</sup> )	1.1E-1
Washing Water (m <sup>3</sup> )	1.6E-2
<b>Nonrenewable Material Resource Consumption (kg)</b>	<b>2,400</b>
Renewable Material Resource Consumption (kg)	2.7E+0
Hazardous Waste Production (kg)	1.9E-2
Nonhazardous Waste Production (kg)	12.0

**Product Components:** natural aggregate (ASTM C33), crushed aggregate (ASTM C33), Portland cement (ASTM C150), slag cement (ASTM C989), fly ash (ASTM C618), admixture (ASTM C494)

The Carbon Leadership Forum PCR: Product Category Rules (PCR) for ISO 14025 Type III Environmental Product Declarations (EPDs) for Concrete, Version 1.1 dated 12/4/2013, serves as the PCR for this EPD.

<http://www.carbonleadershipforum.org>

PCR review was conducted by: Nicholas Santero • thinkstep (formerly PE International)

Independent verification of the declaration, according to ISO 14025:2006:  internal  external

Third party verifier: Rita Schenck ([rita@iere.org](mailto:rita@iere.org)) • Institute for Environmental Research and Education (<http://iere.org>)

LCA and EPD developer: Rick Betita ([rick@climateearth.com](mailto:rick@climateearth.com)) • Climate Earth (<http://www.climateearth.com>)