

**Approved Concrete Mix Designs**

**Jan 3, 2025**

<u>Concrete Supplier</u>	<u>Mix Class-Agg-Plant</u>	<u>Supplier ID</u>	<u>Air</u>	<u>Slump</u>	<u>Design W/C</u>	<u>Binder</u>	<u>*GWP (kgCO2eq/vd³)</u>	<u>Approved Use</u>	<u>Date</u>
<b>CalPortland</b>	3000 psi - 3/4" - 1 2 3	0226FS	5.5%	4"	0.57	470# 20% Slag	184 - 194	Commercial Grade Concrete (00440)	Nov-24
Front Ave = 1	3000 psi - 1" - 1 2 3	0234FSLC	5.5%	4"	0.50	530# 41% Slag	195 - 199	Commercial Grade Concrete (00440)	Nov-24
Troutdale = 2	3000 psi - 1" - 1 2 3	0739LC2	5.5%	4"	0.48	573# 56% Slag	195 - 199	Commercial Grade Concrete (00440)	Nov-24
West Vancouver = 3	4000 psi - 1" - 1 2 3	0242FSLC	4.5%	4"	0.46	578# 20% Slag	231 - 242	Structural (00540) & Commercial Grade Concrete (00440)	Nov-24
	4000 psi - 1 1/2" - 1 2 3	0622CRLC	4.5%	4"	0.44	611# 30% Slag	235 - 242	Structural Concrete (00540)	Nov-24
	4500 psi - 1" - 2	5344FS	4.5%	7"	0.42	626# 30% Slag	230	Structural Concrete (00540)	Oct-24
	4500 psi - 1" - 2	5344FSE	4.5%	7"	0.42	626# 30% Slag	237	Structural Concrete (00540)	Oct-24
	4500 psi - 1 1/2" - 2	5656FS	4.5%	7"	0.40	650# 25% Slag	252	Plain Concrete Pavement (00756) & Structural Concrete (005	Oct-24
	100 psi - CLSM - 1 2 3	0570	8%	7"	2.79	188# Cmt	91 - 102	Controlled Low Strength Materials (00442)	Nov-24
<b>Heidelberg Materials</b>	3300 psi - 1" - 1	2317406	5.5%	4"	0.59	480# 30% Slag	145	Commercial Grade Concrete (00440)	Jun-23
Port of Portland = 1	4000 psi - 3/8" - 1	1308376	5.0%	4"	0.49	658# 15% Slag	214	Commercial Grade Concrete (00440)	Jun-23
	4000 psi - 3/4" - 1	2318207	5.5%	4"	0.51	564# 30% Slag	165	Commercial Grade Concrete (00440)	Jun-23
	4000 psi - 1" - 1	2319001	5.5%	4"	0.51	564# 30% Slag	166	Commercial Grade Concrete (00440)	Jun-23
	100 psi - CLSM - 1	1547602	10%	10"	2.22	200# Cmt	93	Controlled Low Strength Materials (00442)	Feb-23
<b>Knife River Sand &amp; Gravel</b>	3300 psi - 3/4" - 2	246KPG8F00	5.0%	4"	0.47	570# 43% Slag	193	Commercial Grade Concrete (00440)	Jun-23
Coffee Lake = 1	3500 psi - 3/4" - 2	246KPG7000	5.0%	4"	0.48	564# Cmt	197	Structural (00540) & Commercial Grade Concrete (00440)	Mar-24
Linnton = 2	4000 psi - 1" - 2	246HPG7000	5.0%	4"	0.46	611# Cmt	212	Structural (00540) & Commercial Grade Concrete (00440)	Mar-24
	5000 psi - 3/4" - 2	245INIKOS9V	5.0%	6"	0.35	695# Cmt	246	Structural Concrete (00540)	Mar-24
	300 psi - CLSM - 1 2	245HZAWL00	18%	8"	0.75	500# 82% Slag	84 - 97	Controlled Low Strength Materials (00442)	Feb-23
<b>Wilsonville Concrete Products</b>	3000 psi - 3/4" - 1	3001A2050	5.0%	4"	0.55	470# 20% Slag	168	Commercial Grade Concrete (00440)	Sep-23
Wilsonville = 1	3500 psi - 3/4" - 1	3536A3055	5.0%	4"	0.49	517# 30% Slag	167	Commercial Grade Concrete (00440)	Mar-21
	3500 psi - 3/4" - 1	3536A2060	5.0%	4"	0.45	564# 20% Slag	204	Commercial Grade Concrete (00440)	Aug-22
	4000 psi - 3/4" - 1	4036A2070	5.0%	4"	0.40	647# 20% Slag	234	Structural (00540) & Commercial Grade Concrete (00440)	Apr-23
	4000 psi - 3/4" - 1	4001A2070	5.0%	4"	0.39	658# 20% Slag	231	Commercial Grade Concrete (00440)	Sep-23
	4000 psi - 1 1/2" - 1	4032A3070	4.5%	4"	0.39	658# 30% Slag	206	Structural Concrete (00540)	Apr-21

**Note: This list does not waive the responsibility of the contractor to provide quality control testing as outlined in the appropriate sections of the City Standard Specifications.**

**Mix Designs Approved for Small Quantity (less than 50yd<sup>3</sup> per project)**

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<u>Concrete Supplier</u>	<u>Mix Class-Agg</u>	<u>Supplier ID</u>	<u>Air</u>	<u>Slump</u>	<u>Design W/C</u>	<u>Binder</u>	<u>*GWP (kgCO<sub>2</sub>eq/vd<sup>3</sup>)</u>	<u>Approved Use</u>	<u>Date</u>
Alpha Ready Mix	4000 psi - 3/4"	32453	5.0%	4"	0.42	542# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	May-22
Cascade Concrete Products	6000 psi - 1/2"	Mix No. 1	2.0%	0"	0.37	600# Cmt	No EPD/GWP submitted.	Precast Maintenance Holes, Bases, and Pipe (00470)	Aug-22
	6000 psi - 1/2"	Mix No. 8	2.0%	27" Spread	0.41	850# Cmt	No EPD/GWP submitted.	Precast Maintenance Holes, Bases, and Pipe (00470)	Mar-22
Jakes Mobile Mix	3000 psi - 3/4"	3000	5.5%	4"	0.60	488# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Jan-23
	3500 psi - 3/4"	3500	5.5%	4"	0.60	517# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Jan-23
	4000 psi - 3/4"	6 Sack 4000psi	5.5%	4"	0.60	583# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Jan-19
	5000 psi - 3/4"	5000 PSI - Air	5.0%	4"	0.60	658# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Jul-21
Lake Shore Concrete Co.	3500 psi - 3/4"	35.101	5.0%	4"	0.44	564# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Jul-19
Knife River Sand & Gravel	4000 psi - 1 1/2"	2440V42009	4.5%	4"	0.41	630# Cmt	No EPD/GWP submitted.	Plain Concrete Pavement (00756) & Structural Concrete (005	Jun-24
Millers Mini Mix, LLC	3500 psi - 3/4"	3500	5.0%	4"	0.39	611# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	May-19
Oldcastle Infrastructure	5000 psi - 1/2"	Mix #1-DC-4000-STD	5.0%	0"	0.34	600# Cmt	No EPD/GWP submitted.	Precast Maintenance Holes, Bases, and Pipe (00470)	Oct-23
Oregon On-Site Concrete, LLC	3000 psi - 3/4"	PDX 3000	5.0%	5"	0.52	450# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Mar-21
	4000 psi - 3/4"	PDX 4000	4.5%	5"	0.48	550# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Nov-20
Troutdale Sand & Gravel	3500 psi - 1"	3500-6 Sk	5.0%	4"	0.49	564# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	May-19
	4000 psi - 3/4"	4000-6 1/2 Sk	5.0%	4"	0.45	658# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Jun-17
Tual. Valley Short Load (SLC)	3300 psi - 3/4"	3300	5.0%	4"	0.47	500# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	May-14
	4000 psi - 3/4"	Structural 4000	5.0%	4"	0.45	560# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	May-14
Volume Concrete	3500 psi - 1/2"	3500psi Mix	5.5%	4"	0.60	564# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (00440)	Feb-19

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