

Approved Concrete Mix Designs

Oct 1, 2024

<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 (kgCO2eq/vd³)</u>	<u>Approved Use</u>	<u>Date</u>
CalPortland	3000 psi - #4	0234FSLC	5.5%	4"	0.50	530# 30% Slag	198 - 199	Commercial Grade Concrete (00440)	Dec-22
(Includes Front Ave, Troutdale, and West Vancouver)	4000 psi - 1 1/2"	0622CRIC	4.5%	4"	0.44	611# 31% Slag	242	Plain Concrete Pavement (00756) & Structural Concrete (005	Dec-22
	4500 psi - 1"	0444FS	5.0%	4"	0.42	626# 21% Slag	268	Structural (00540) & Commercial Grade Concrete (00440)	Mar-24
	100 psi - CLSM	0570	8%	6"	2.79	188# Cmt	108	Controlled Low Strength Materials (00442)	Jun-24
Heidelberg (Cadman) Materials	3300 psi - 1"	2317406	5.5%	4"	0.59	480# 30% Slag	145	Commercial Grade Concrete (00440)	Jun-23
(Includes Part of Portland)	4000 psi - 3/8"	1308376	5.0%	4"	0.49	658# 15% Slag	214	Commercial Grade Concrete (00440)	Jun-23
	4000 psi - 3/4"	2318207	5.5%	4"	0.51	564# 30% Slag	165	Commercial Grade Concrete (00440)	Jun-23
	4000 psi - 1"	2319001	5.5%	4"	0.51	564# 30% Slag	166	Commercial Grade Concrete (00440)	Jun-23
	4500 psi - 1 1/2"	1599880	5.0%	6"	0.40	625# 14% Slag	207	Structural Concrete (00540)	Jun-23
	100 psi - CLSM	1547602	10%	10"	2.22	200# Cmt	93	Controlled Low Strength Materials (00442)	Feb-23
Knife River Sand & Gravel	3300 psi - 3/4"	246KPG8F00	5.0%	4"	0.47	570# 43% Slag	193	Commercial Grade Concrete (00440)	Jun-23
(Includes Coffee Lake & Linnton)	3500 psi - 3/4"	246KPG7000	5.0%	4"	0.48	564# Cmt	197	Structural (00540) & Commercial Grade Concrete (00440)	Mar-24
	4000 psi - 1"	246HPG7000	5.0%	4"	0.46	611# Cmt	212	Structural (00540) & Commercial Grade Concrete (00440)	Mar-24
	5000 psi - 3/4"	245INIKOS9V	5.0%	6"	0.35	695# Cmt	246	Structural Concrete (00540)	Mar-24
	100 psi - CLSM	24CILAW0H9	12%	8"	1.46	200# Cmt	128 - 129	Controlled Low Strength Materials (00442)	Mar-23
	300 psi - CLSM	245HZAWL00	18%	8"	0.75	500# 82% Slag	84 - 97	Controlled Low Strength Materials (00442)	Feb-23
Wilsonville Concrete Products	3000 psi - 3/4"	3001A2050	5.0%	4"	0.55	470# 20% Slag	168	Commercial Grade Concrete (00440)	Sep-23
(Includes Wilsonville)	3500 psi - 3/4"	3536A3055	5.0%	4"	0.49	517# 30% Slag	167	Commercial Grade Concrete (00440)	Mar-21
	3500 psi - 3/4"	3536A2060	5.0%	4"	0.45	564# 20% Slag	204	Commercial Grade Concrete (00440)	Aug-22
	4000 psi - 3/4"	4036A2070	5.0%	4"	0.40	647# 20% Slag	234	Structural (00540) & Commercial Grade Concrete (00440)	Apr-23
	4000 psi - 3/4"	4001A2070	5.0%	4"	0.39	658# 20% Slag	231	Commercial Grade Concrete (00440)	Sep-23
	4000 psi - 1 1/2"	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 50yd³ per project)

Oct 1, 2024

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Alpha Ready Mix	4000 psi - 3/4"	32453	5.0%	4"	0.42	542# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	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 (DD470)	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 (DD470)	Mar-22
Jakes Mobile Mix	3000 psi - 3/4"	3000	5.5%	4"	0.60	488# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	Jan-23
	3500 psi - 3/4"	3500	5.5%	4"	0.60	517# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	Jan-23
	4000 psi - 3/4"	6 Sack 4000psi	5.5%	4"	0.60	583# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	Jan-19
	5000 psi - 3/4"	5000 PSI - Air	5.0%	4"	0.60	658# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	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 (DD440)	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 (DD756) & Structural Concrete (DD5	Jun-24
Meter Mix PDX	4000 psi - 3/4"	City Sidewalk 4000	5.0%	4"	0.42	611# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	Dec-21
Millers Mini Mix, LLC	3500 psi - 3/4"	3500	5.0%	4"	0.39	611# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	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 (DD470)	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 (DD440)	Mar-21
	4000 psi - 3/4"	PDX 4000	4.5%	5"	0.48	550# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	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 (DD440)	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 (DD440)	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 (DD440)	May-14
	4000 psi - 3/4"	Structural 4000	5.0%	4"	0.45	560# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	May-14
Volume Concrete	3500 psi - 1/2"	3500psi Mix	5.5%	4"	0.60	564# Cmt	No EPD/GWP submitted.	Commercial Grade Concrete (DD440)	Feb-19

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