

Approved Concrete Mix Designs

Aug 4, 2020

<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/yd³)</u>	<u>Approved Use</u>	<u>Date</u>
Cadman Materials (Includes Port of Portland and Foster Rd Plants)	3300 psi - 1"	1587406	6.0%	4"	0.46	575# 13% Fly	277 - 290	Commerical Grade Concrete (00440)	Jan-19
	3500 psi - 3/4"	1391037	5.5%	4"	0.46	571# 14% Fly	272 - 301	Commerical Grade Concrete (00440)	Dec-19
	3500 psi - 1"	1589027	5.5%	4"	0.48	564# Cmt	308 - 316	Commerical Grade Concrete (00440)	Jan-19
	4000 psi - 3/8"	1591905	6.0%	3"	0.43	698# 20% Fly	402 - 420	Shotcrete Concrete (00396)	Jun-20
	4000 psi - 3/8"	1308376	5.0%	4"	0.46	698# 16% Fly	399 - 439	Commerical Grade Concrete (00440)	Jun-20
	4000 psi - 3/8"	1353286	6.0%	5"	0.45	735# 10% Fly	356 - 385	Commerical Grade Concrete (00440)	Jan-19
	4000 psi - 1"	1529001	5.5%	4"	0.44	611# Cmt	332 - 339	Commerical Grade Concrete (00440)	Jan-19
	4000 psi - 1"	1308207	5.5%	4"	0.38	711# 14% Fly	331 - 340	Commerical Grade Concrete (00440)	Jan-19
	4000 psi - 1 1/2"	1585849	5.0%	4"	0.40	658# Cmt	358 - 365	Plain Concrete Pavement (00756)	Jan-19
	5000 psi - 1"	1575362	5.0%	6"	0.40	675# 19% Fly	295 - 303	Structural Concrete (00540)	Jan-19
100 psi - CLSM		1593506	8%	8"	1.08	425# 7% Fly	86 - 106	Controlled Low Strength Materials (00442)	Jan-19
CalPortland - Front Ave 503-243-5535 5034 NW Front Ave Portland, OR 97210	3300 psi - 3/8"	0836	5.5%	4"	0.50	570# Cmt	343.06	Commerical Grade Concrete (00440)	Mar-20
	3000 psi - 3/4"	0226FS	5.5%	4"	0.57	470# 20% Slag	249.98	Commerical Grade Concrete (00440)	May-19
	3000 psi - 3/4"	0226FS000T	5.0%	4"	0.50	490# 11% Slag	277.21	Commerical Grade Concrete (00440)	Jan-20
	3300 psi - 1"	0739	5.0%	4"	0.48	573# Cmt	344.26	Structural Concrete (00540)	Feb-19
	3500 psi - 1"	0734	5.0%	4"	0.51	517# Cmt	314.47	Commerical Grade Concrete (00440)	Feb-19
	4000 psi - 1"	0242FS	4.5%	4"	0.46	578# 12% Slag	320.01	Structural Concrete (00540)	Jan-20
	4000 psi - 1"	0444FS	6.0%	4"	0.42	626# 15% Slag	344.39	Structural Concrete [Severe Exposure] (00540)	Jan-20
	4000 psi - 1"	0446FS	5.0%	4"	0.45	600# 25% Slag	299.81	Structural Concrete (00540)	Aug-18
	4000 psi - 1 1/2"	0622CR	4.5%	4"	0.44	611# Cmt	372.35	Pavement (00756) & Structural (00540)	Jan-20
	5000 psi - 1"	0766	4.5%	4"	0.38	730# Cmt	433.87	Structural Concrete (00540)	Mar-20
	5000 psi - 1 1/2"	0688CR	4.5%	4"	0.35	750# Cmt	446.28	Pavement (00756) & Structural (00540)	May-20
	6000 psi - 3/8"	0862FS	6.0%	4	0.36	680# Cmt	417.91	Commerical Grade Concrete (00440)	Mar-19
	100 psi - CLSM		0570	7%	7"	2.52	188# Cmt	117.86	Controlled Low Strength Materials (00442)
Knife River Sand & Gravel (Includes Coffee Lake, Hillsboro, Linnton, and Sundial Plants)	3000 psi - 3/4"	246KPG8F00	5.5%	4"	0.48	570# 30% Slag	206.59 - 238.62	Commerical Grade Concrete (00440)	Mar-19
	4000 psi - 1"	2440NI7F00	4.5%	4"	0.45	600# 30% Slag	215.89 - 249.57	Structural Concrete (00540)	Apr-19
	4500 psi - 1"	2444NI7009	4.5%	4"	0.44	630# Cmt	290.09 - 340.84	Commerical Grade Concrete (00440)	Jul-19
	4000 psi - 1 1/2"	2440V42009	4.5%	4"	0.42	680# Cmt	281.12	Plain Concrete Pavement (00756)	Apr-19
	5000 psi - 1"	245INIK0S9	4.5%	6"	0.37	725# Cmt	330.67 - 389.08	Structural Concrete (00540)	Apr-19
100 psi - CLSM		24CILAW0H9	18%	8"	1.45	200# Cmt	113.21	Controlled Low Strength Materials (00442)	Apr-19
Riverbend Materials - Hilroy	4000 psi - 3/4"	324065	5.0%	4"	0.43	564# 15% Fly Ash	266.07	Structural Concrete (00540)	Apr-20
Wilsonville Concrete Products 503-682-2525	3000 psi - 3/8"	35550014A	6.0%	4"	0.50	517# 30% Slag	169.12	Commerical Grade Concrete (00440)	Jun-20
	3000 psi - 3/4"	3036A3050	5.0%	4"	0.55	470# 30% Slag	154.26	Commerical Grade Concrete (00440)	Jun-20
	4000 psi - 3/4"	4021A0060	5.0%	4"	0.46	564# Cmt	229.76	Structural Concrete (00540)	Jun-20

NOTE: THIS LIST DOES NOT WAIVE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE QUALITY CONTROL TESTING AS OUTLINED IN THE APPROPRIATE SECTIONS OF THE ODOT MFTP

Mix Designs Approved for Small Quantity (less than 50yd³ per project)

Aug 4, 2020

<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/yd³)</u>	<u>Approved Use</u>	<u>Date</u>
Jakes Mobile Mix	4000 psi - 3/4"	6 Sack 4000psi	4.5%	3"	0.60	583# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Jan-19
Lake Shore Concrete Co.	3500 psi - 3/4"	35.101	5.0%	4"	0.44	564# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Jul-19
Millers Mini Mix, LLC	3500 psi - 3/4"	3500	5.0%	4"	0.39	611# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	May-19
Troutdale Sand & Gravel	3500 psi - 1"	3500-6 Sk	5.0%	4"	0.49	564# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	May-19
Tual.Val.Short Load	3300 psi - 3/4"	3300	5.0%	4"	0.47	500# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	May-14
	4000 psi - 3/4"	Structural 4000	5.0%	4"	0.45	560# Cmt	No EPD/GWP submitted.	Structural Concrete (00540)	May-14
Volume Concrete 971-219-8604	3000 psi - 3/4"	3000psi Mix	5.5%	4"	0.60	540# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Feb-19
	3500 psi - 1/2"	3500psi Mix	5.5%	4"	0.60	564# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Feb-19
Westside Redi-Mix	4000 psi - 3/4"	00034	5.0%	4"	0.50	564# 21% Slag	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Mar-19
Wilsonville Concrete Products 503-682-2525	3000 psi - 3/4"	3021A1050	5.0%	4"	0.55	470# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Jan-19
	3000 psi - 3/4"	30500016A	5.0%	4"	0.55	470# Cmt	No EPD/GWP submitted.	Commerical Grade Concrete (00440)	Jan-19
	4000 psi - 3/4"	40700001A	5.0%	4"	0.39	658# Cmt	No EPD/GWP submitted.	Structural Concrete (00540)	Jan-19

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*GWP refers to the Global Warming Potential from the Environmental Product Declaration. Results vary by plant location - see EPD for details.