

# Product List

## Ready-Mix Concrete

### STRENGTH MIXES

20mm Aggregate, 80mm +/- 30mm Slump

Strength
10 MPa
15 MPa
20 MPa
25 MPa
30 MPa
32 MPa
35 MPa
40 MPa

\*Strengths greater than 35 MPa require a minimum load size of 3m<sup>3</sup>  
150 +/- 30 slump achieved through High Range Water Reducer

### GROUT MIXES

Concrete Sand

Strength	Ratio
5 MPa	1-5
10 MPa	1-4
15 MPa	1-3
20 MPa	1-2.5
25 MPa	1-2
30 MPa	1-1

### CSA SPECIFICATION MIXES – CAN/CSA A23.1-19

Air Entrainment Included, 20mm Aggregate, 80mm +/- 30mm Slump

Strength	Class of Exposure	W/C Ratio	Coulombs
25 MPa	F-2, C-4, A-4	0.55	
30 MPa	F-1, C-3, S-3, A-3	0.50	
32 MPa	C-2, S-2, A-2	0.45	
35 MPa	C-1, S-1, A-1	0.40	<1500

\*150 +/- 30 slump achieved through High Range Water Reducer

### RESIDENTIAL MIXES

20mm Aggregate

Strength		W/C Ratio	Max Slump	
15 MPa	OBC	0.70	180 mm	Wall Mix
20 MPa	OBC	0.70	180 mm	Wall Mix
25 MPa			180 mm	Wall Mix
25 MPa	OBC	0.65	110 mm	Basement Floor
32 MPa	C-2	0.45	110 mm	Garage Floor

### ICF MIXES

13.2mm Round Stone, 150mm +/- 30mm Slump

Strength
20 MPa
25 MPa
30 MPa

Other Mixes – On Request
Shotcrete/Gunite Mixes
Caisson/Shoring Mixes

### LEAN MIXES/CONTROLLED DENSITY/FILLS

20mm Aggregate, 80mm +/- 30mm Slump

Strength	Mix
0.4 MPa	Unshrinkable Fill (180 mm Max Slump)
0.7 MPa	Unshrinkable Fill (180 mm Max Slump)
2 MPa	
4 MPa	Pipe Bedding
5 MPa	
7 MPa	
8.3 MPa	Conduit Mix (13.2mm Aggregate)

**\*THIS IS NOT AN EXHAUSTIVE LIST OF MIXES. CUSTOM MIXES CAN BE DESIGNED UPON REQUEST FOR ANY APPLICATION**



# Product List

## Value Added Products

### Super Plasticizer- Increased Workability

Range
Mid (120mm +/- 30mm)
High (150mm +/- 30mm)
2" and 3" Line Pumps Require Super Plasticizer

### Retarder- Delayed Set Time

Time
2 hr
4 hr
6 hr

### Air Entrainment

Strengths	
Under 25 MPa	Extra Charge
Under 40 MPa	See CSA MIXES
40 MPa and Greater	Upon Request

### Accelerated Set Time-Non-Chloride Accelerator

Percent
1%
2%

### Cold Weather Concrete- WINTERCRETE MIXES

Ambient Temperature	Level
+10°c to +8°c	1
+7°c to +4°c	2
+3° to +1°c	3
0°c to -3°c	4
-4°c to -7°c	5

\*Ambient temperature refers to 12hrs after concrete has been poured.

### Fiber Reinforced Concrete

Type
Micro Polypropylene Fiber – Reduce Plastic Shrinkage Surface Cracks
Macro Polypropylene Fiber – Reduce Plastic Shrinkage Surface Cracks and can Replace Wire Mesh
Fibrillated Fiber – On Request
Steel Fiber – On Request

### Special Aggregates

Type
13.2 Round Stone/Pea Stone
Limestone

\*2" pump line requires 13.2mm round stone

### Pump Mix

Upon Request
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\*2" pump line and 3" pump line requires Super Plasticizer

\*2" pump line requires 13.2mm round stone

### Accelerated Set Time-Calcium Chloride

Percent
1%
2%

### Other Additions – On Request

Silica Fume – Decrease Permeability
Corrosion Inhibitor – Increase Protection for Reinforcement in Concrete
Early Strength Products
Hot Weather Cooling (Ice Only)
Crystalline Concrete Waterproofing
Coloured Concrete

## Concrete Blocks

### Interlocking Block

Size
2' by 2' by 2' Half Block
2' by 2' by 4' Full Block



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## Cost Recovery Charges

Additional Charges	
<b>Applicable to All Loads</b>	Environmental Compliance Fee
	TORAC Recovery Fee
	Carbon Tax
	Wash Water Handling Fee
	Fuel Surcharge
<b>Minimum Load Charges</b>  Minimum load size is 3m <sup>3</sup> to ensure a quality product 3m <sup>3</sup> is the minimum load size for strengths 35MPa and above Concrete Orders 9m <sup>3</sup> and over get one free balance load	1m to 2m
	2m to 3m
	3m to 4m
	4m to 5m
	5m to 6m
<b>Traffic Act Restrictions - March 1 to April 30</b>	Restricted Load Charges
<b>Demurrage – 60 min onsite will be allowed for unloading</b>	Additional waiting time will be charged after 60 minutes onsite
<b>Zone Charges</b>	Applied based on distance
<b>Deliveries</b> <b>Multiple Stops</b> <b>Weekends/Holidays</b> <b>Outside Regular Hours</b> <b>Plant Opening Fee</b>	Additional charges will apply
<b>Colour Washout</b>	Charged for all colored concrete loads
<b>Winter Handling</b>	Charged October 15 to April 30
<b>Cancelation/Rescheduling Fees</b>  This charge includes expenses incurred for the first truck, manager, batcher, and loader operator. For each additional truck an additional charge will apply	Notice of cancellations/rescheduling must be received by 3:00 pm the day prior to the pour. Monday and Weekend orders require a notice by 3:00 pm Friday.

### Ordering Procedures:

- Advance Notice:** We encourage orders to be placed by 3:00 pm, the day before concrete is required to ensure the best customer service
- Order Information:** To place an order, we must know the pour rate in cubic meters per hour, time, and location
- Confirmation:** All orders must be reconfirmed a day before they are scheduled. Monday & weekend orders need be confirmed on Friday.
- Will Call/Weather Permitting Orders/Standby Orders:** May be rescheduled as existing workload permits.
- Cancellations:** Only possible if trucks have not yet been loaded. Cancellation fee may apply.
- Keep Us Informed:** As soon as you know there are changes to your order.

### Delivery:

- It is the customer's responsibility to provide safe access to enter and exit the site. Any damage to public or private property remains entirely the customer's responsibility. The customer will be responsible for any towing fees.
- Canadian Concrete prides itself on delivering quality concrete and service however, variables beyond our control including but not limited to accidents, breakdowns, shortages, traffic, utility outages can affect service. We will not accept any back charges related to perceived delays and service failures.
- Customer must provide an acceptable location for the mixer truck to wash and rinse its chutes

### General:

- All concrete supply is subject to the "**Canadian Concrete Disclaimer and Terms & Conditions**"
- Alterations to the concrete upon the customer's request by the customer, and/or the customer's representative, (addition of water) will void any actual or implied warranties about strength.
- The customer must assume all the responsibility for ensuring that proper placing, consolidating, finishing, curing, protection, and treatment of the concrete after it has been delivered per CSA standards and best practices.
- Canadian concrete will not accept any claims regarding surface acceptance

### Terms:

All orders are net and due for payment before loading, unless an account has been pre-authorized by head office. Applicable HST will be applied.