



It is always important to dry mix your premix products. Diamond Mountain products are produced with a double bagging system; with the cement being precisely weighed and placed in a waterproof bag, so products can be stored outside in any type of weather.

Workable strengths will be reached in 3-7 days after application. Full product strength will be reached in 28 days, under normal conditions. Premix concrete has a minimum 3000 PSI.

Diamond Mountain Premix concrete has an average of 4850 PSI at a 4" slump.

If you have further questions, contact your local Diamond Mountain product retailer or contact:

Email: sales@bozemanbrick.com



BOZEMAN BRICK BLOCK & TILE

4875 Jackrabbit Lane
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DIAMOND MOUNTAIN PREMIX PRODUCTS GUIDE



“Strength is in the Mountain”

MADE IN MONTANA

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DIAMOND MOUNTAIN PREMIX MIXING GUIDE & APPLICATIONS

MIXING GUIDE

Suggested guidelines when mixing Diamond Mountain products for most concrete or masonry applications.

90# Premix Concrete

.8 gallons of water yields .85 cubic feet
32 bags of 90# premix yields 1 cubic yard

80# Premix Concrete

.65 gallons of water yields .667 cubic feet
41 bags of 80# premix yields 1 cubic yard

60# Premix Concrete

.5 gallons of water yields .5 cubic feet
54 bags of 60# premix yields 1 cubic yard

40# Premix Concrete

.3 gallons of water yields .3 cubic feet
81 bags of 40# premix yields 1 cubic yard

50# Masonry Premix

.45 gallons of water yields .5 cubic feet

60# Topping Premix

.5 gallons of water yields .5 cubic feet

APPLICATIONS

Premix Concrete

(Portland cement type I & II, concrete sand, gravel)

- Use for concrete thicker than 1"
- Sidewalks
- Post holes
- Concrete slabs



Masonry Premix

(Masonry cement and mason sand)

- Use to bond brick or stone to an existing concrete surface

Topping Premix

(Portland cement type I & II and mason sand)

- Use as a patching material for thickness from 1" to feather-edge
- Use to pour less than 1" thick slabs

Cement amounts in premix products:

40# concrete = 5# Portland cement
60# concrete = 8# Portland cement
80# concrete = 10# Portland cement
90# concrete = 12# Portland cement
60# topping = 12# Portland cement
50# masonry = 13# masonry cement

MIXING PROPORTIONS

Concrete

3 parts gravel, 2 parts concrete sand & 1 part Portland cement

3 bags of Portland to 1/2 yard of bag mix
6 bags of Portland to 1 yard of bag mix

Mortar

1 part Portland cement, 1/4 - 1/2 part hydrated lime and 4 parts mason sand

Or

1 part masonry cement and 2-1/4 - 3 parts mason sand

Topping

1 part Portland cement and 4 parts mason sand

Thank you for using Diamond Mountain Premix products!



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