

# RED FLINT SAND & GRAVEL, LLC

## EZ CRETE CONCRETE MIX



### CONCRETE MIX:

A quality pre-blended mixture of sand, coarse aggregate and cementitious materials packaged in a convenient bag. Concrete mix can be used for repairs and building jobs where concrete thickness exceeds 2 inches (50 mm). Concrete mix is ideal for pouring footings, setting posts and poles and building walkways, driveways, patios, and steps.

### SAFETY:

READ and UNDERSTAND the Material Safety Data Sheet (MSDS) before using this product.  
WARNING: Wear protective clothing and equipment. KEEP OUT OF REACH OF CHILDREN.

### PREPARATION:

When repairing concrete, remove all loose and foreign material. Dampen adjoining concrete surfaces.

### MIXING:

Empty the contents into a mortar box, wheelbarrow or mechanical mixer. When mixing by hand, form a crater for adding water. (See table below). If too stiff, add more water a little at a time. AVOID A SOUPY MIX. Excess water reduces strength and durability and can cause cracking. In cold weather, use warm water to accelerate the set. Use cold water to slow the set in hot weather.

60lb. (27.2kg)	3 qts. (2.8L)
80lb. (36.2kg)	4 qts. (3.7L)

**Water amounts are approximate**

### PLACEMENT:

Place and consolidate the Concrete Mix. Work the material into voids, then level the surface with a straight edge board. Allow freshly placed concrete to set about 1 hour or until the surface water has begun to disappear before Finishing. Time will vary with weather conditions.

### FINISHING:

Level with screed and allow the bleed water to evaporate. Use a Float to remove surface imperfections and trowel to a smooth, finish. For a rougher surface, use a broom. Finishing cementitious materials too early or over-working the materials can cause dusting, cracking, scaling and a weak surface. Concrete can be hand troweled, power troweled, broom finished or finished with specialties finishes.

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### CURING:

Curing is one of the most important steps in concrete constructions. Proper curing increases the strength and durability of concrete, and a poor curing job can ruin an otherwise well-done project. When the weather is too hot, dry or windy, water is lost by evaporation from the concrete, and hydration stops, resulting in finishing difficulties and cracks. The ideal circumstances for curing are ample moisture and moderate temperature and wind conditions.

#### Typical Proprieties of Red Flint Sand & Gravel

Cure time	Compression strength
7 days	2500 psi (17.2 MPa)
28 days	3500 psi (27.6MPa)
Slump range	3 to 4 inch
	ASTM C143

Laboratory testing is conducted in accordance with ASTM C387

### STORAGE:

Store in a tightly closed container off the floor in a dry place.

### COVERAGE:

To determine the coverage: Multiply Length x Width x Thickness all in feet (meters) =cubic feet (cubic meters): divide by 0.60 cubic feet (0.016 cubic meters) per bag=number of 80 lb. (36.2 kg) bags needed for given job.

NOTE: Convert all measurements in inches (mm) to feet (meters) .4 inches (100 mm) =0.33 feet (0.1 m).

Bag Size	Yield
60 lb. (27.2 kg)	.45 cu.ft. (.012 cu. m)
80 lb. (36.2 kg)	.60 cu.ft. (.016 cu. m)

To determine the number of bags needed: Multiply (length x width x depth), divided by yield from chart above.

### PACKAGING:

60 lb.bag (27.2 kg)

80 lb.bag (36.2 kg)

### WARRANTY:

Red Flint Sand & Gravel, LLC warrants that this product shall be of merchantable quality when used or applied in accordance with the instructions herein. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product (as purchased) found to be defective, or at the company's option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to Red Flint Sand & Gravel, LLC in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.