



# Specification Sheet

<b>Product Name:</b>	Concrete Mix
<b>Manufacturer:</b>	Mohawk Materials Co., Inc. PO Box 640 Sand Springs, OK 74063 (918) 584-2707 (Phone) (918) 584-2708 (Fax) (800) 259-8721 (Toll Free)
<b>Product Description:</b>	Strongcrete Concrete Mix is perfect for any job requiring concrete applications of 2" or thicker. Strongcrete Concrete Mix can also be used wherever ready-mix concrete is used, especially when smaller quantities are required.
<b>Sizes:</b>	60 lb (27.2 kg) 80 lb (36.2 kg)
<b>Basic Use:</b>	Recommended for construction or repair of: <ul style="list-style-type: none"><li>• Patios</li><li>• Slabs</li><li>• Curbs</li><li>• Steps</li><li>• Sidewalks</li><li>• Footers</li><li>• Countertops</li><li>• Pipe and post footings</li><li>• Retaining walls</li></ul>
<b>Composition Materials:</b>	Strongcrete Concrete Mix is a uniformly blended and easy to use a mixture of Portland cement, sand and gravel specifically designed for general concrete use and repair.
<b>Advantages/Benefits:</b>	Advantages of using concrete mix: <ul style="list-style-type: none"><li>• Suitable for interior or exterior use</li><li>• High durability and impact resistant</li><li>• Easy to finish and cure</li><li>• Walk on time is 24 hours</li><li>• Small, uniform aggregates ensure easy mixing</li><li>• Graded aggregate sizes facilitate a strong mix design</li><li>• Uniformly pre-blended mixture requires no dry mixing</li></ul>
<b>Preparation:</b>	All surfaces that will be in contact with Strongcrete Concrete Mix must be entirely free from oil, grease, or any other foreign substances which may interfere with the bond and chemical actions of the material. Prior to application, dampen the exposed surfaces and clean thoroughly with potable water, leaving the concrete saturated but free of standing water.
<b>Mix Instructions:</b>	<b>For Posts and Poles:</b> Prepare a hole that is 3 times the diameter and 1/3 the length of the post or pole to be installed. Compact the bottom and sides of the hole. Pour a 4" layer of concrete directly into the post hole, and then insert the post. The concrete poured into the post hole can be wet or dry (add water as needed).

**Mix Instructions (cont.):****For Slabs, Curbs, etc.:**

Pour the dry cement-based material into a wet mixing container. Add water slowly, mixing thoroughly until concrete reaches a 'plastic-like' consistency. Avoid a 'soupy' mix; too much water will weaken the concrete. For large projects a concrete mixer is recommended. If a mixer is used, mix dry contents thoroughly with water for 3 minutes to achieve 'plastic-like' consistency.

**Placement:**

Starting in a corner, shovel or pour concrete into a dampened form. Do not drag or flow the concrete unnecessarily. Uniformly fill to depth of form, completely filling the form area.

Strike off and float immediately with a straight edged board, such as a 2x4 board, by moving the board back and forth across the surface in a sawing motion. Level off any remaining surface ridges and/or imperfections with a darby or bull float. Allow concrete to stiffen slightly, making sure all surface water has evaporated before troweling.

**Technical Information:****ASTM Specifications:**

Meets requirements of ASTM C387 specifications when used as directed

**Compressive Strength:**

Seven (7) days                    2500 psi

Twenty-eight (28) days 3500 psi

Laboratory tested

**Slump:**

Slump range is 2" – 3"

**Limitations:**

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per bag will result in inferior physical properties.

Concrete will not bond well to wood, asphalt, or any other foreign substances.

For applications less than 2" thick, use Strongcrete Sand Mix.

Do not place when temperatures are below 40 degrees F. In cold weather, use warm water and protect from freezing for 48 hours.

**Coverage:**

One 80 lb bag (36.32 kg) yields approximately 2/3 cu. Ft.

2/3 cu. Ft.                    80 lb bag (36.32 kg)

1/2 cu. Ft.                    60 lb bag (27.22 kg)

**Limited Warranty:**

This product meets or exceeds applicable ASTM C387 standards in force at the time of packaging. Packager, having no control over the use of the material, does not guarantee finished work. Replacement of any defective product or refund of the purchase price of defective product shall be the buyer's sole remedy under this warranty.