



PARAGON AGGREGATE PRODUCTS

PRODUCT INFORMATION ITEM NO. 05-SMC1

90# SUPERMIX CONCRETE 5500 PSI



SUPERMIX 90# CONCRETE 5500 PSI: is a mixture of fine and coarse aggregates meeting ASTM C-33 Specifications. The aggregates are dry blended with Portland Cement Type II/V meeting ASTM C150 Specifications. The dry blending process ensures maximum coverage of cement particles on aggregate particles giving superior strength to the mixes.

FEATURES AND BENEFITS:

- ◆ Quality controlled
- ◆ Dry blended for maximum strength
- ◆ Consistent strengths bag to bag
- ◆ Requirement for ASTM C-387

USES:

Construction of:

- ◆ Sidewalks ◆ Driveways ◆ Patios

Setting of:

- ◆ Fence Posts ◆ Mail Boxes
- ◆ Basketball Backboards ◆ Sign Posts

PREPARATION: Remove all rocks and other obstructions. Set forms in place and nail. Brace all forms with either wood or steel stakes. Properly prepare the sub-base by leveling and tamping it firmly. Some areas may require a sand base, check local requirements. Always dampen the sub-base before pouring concrete mix. Do not leave puddles of water standing.

WATER RATIOS: 90 lb bag 4 ½ to 5 ½ Quarts

MIXING: Add recommended amount of clean water per bag into mixing container. Refer to yield section for water requirements. Empty sack of concrete mix into container and mix thoroughly. If concrete is too stiff, add up to 1 pint of water in small amounts to achieve proper working consistency. Avoid over watering, the strength design of the mix will be weakened. Mix only what you can use in one hour.

PLACEMENT:

- ◆ After placing Supermix Concrete tamp mix with rod or stick.
- ◆ Level work with a straight-edged 2 x 4 board using a sawing motion. Float the surface with a wood float or darby.
- ◆ After leveling, allow concrete to set approximately one hour, depending on temperature and humidity, before troweling.
- ◆ Note: Look for the bleed water coming to the surface to have stopped.
- ◆ For rough surface use a wood float. For textured finished use broom or brush. For a smooth finish use a steel trowel.
- ◆ Use edging tool to define the edge of the concrete by running the tool along the edge between the concrete and forms.
- ◆ Cut a 1" (25 mm) control joint into the slab every 6-8 feet (2-2.5 m) using a grooving tool
- ◆ Area can be opened to foot traffic in about 24 hours depending on temperature and humidity.

CURING: Allow material to set until hard to the touch and cover with plastic to prevent evaporation of water. Protect from freezing for 24 hours

YIELDS: 90 lb. Bag

1 Bag = 68 Cu. Ft. ~ 31 Bags = 1 cubic meter
36 bags = 1 cubic yard

PACKAGING:

90 lb. /41.0 kg multi-ply bags 35/Pallet

Compressive Strength: ASTM C 39 ASTM C-39 5000 psi ~ 28 days ~ 5000 + psi 27.58 mpa



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TECHNICAL DATA: PARAGON

AGGRGATE MIXES are manufactured to meet strength specifications for concrete mixes of the following designs.

LIMITATIONS:

- ◆ **DO NOT** apply when the air or substrate temperature is below 40° F
- ◆ **DO NOT** over water.
- ◆ **DO NOT** over mix.
- ◆ **DO NOT** apply over substrates that are frozen or contain frost.
- ◆ **DO NOT** use dirty water or tools.
- ◆ **DO NOT** add or mix any materials with this product unless approved by Paragon Concrete Products. Application in cold or damp weather will increase the chance for the occurrence of efflorescence. Efflorescence occurs naturally and is beyond the control of Paragon.

TECHNICAL SERVICE: For, application procedures or surface conditions not specified in literature contact:

Paragon Aggregate Products Inc.
5420 W Bethany Home Rd
Glendale, AZ 85301

Paragon Concrete Products Inc.
2305 S. Roof Tile Rd.
Casa Grande, AZ 85193
Phone: 520-836-6454
Fax: 520-421-1172

Avoid hazards by following all precautions found in the **SDS (Safety Data Sheet)**, product labels and product information sheets. Please read this information prior to using the product. MSDS are available through technical service at **520-836-6454**.

CAUTION: Contains Portland cement. Cement causes skin Irritations, may cause allergic reactions. Avoid eye contact or prolonged contact with skin. Use of a dust respirator, safety goggles and rubber gloves are recommended. Wash self thoroughly after any contact. In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Consult a physician immediately. Do not take internally. Contains free silica, don't breathe dust. Prolonged exposure to dust may cause delayed lung disease (silicosis). Always wear NIOSH approved mask for silica dust.

LIMITED WARRANTY: Paragon Building Products, Inc. (Paragon) warrants that this product and the materials used therein meet or exceed the applicable ASTM standards listed and in force at the time of manufacture. Paragon will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This warranty shall apply only if the product is used in strict accordance to applicable specifications and instructions provided by Paragon for its use, and Paragon shall not be liable otherwise. Replacement of any defective product or, at Paragon's option, refund of the purchase price of any defective product shall be the buyers sole remedy under this warranty and Paragon shall in no event be liable for any damages in excess of the purchase price of the defective product.

PARAGON SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES.

This Warranty constitutes the sole warranty given by Paragon in connection with this product, and Paragon has authorized no person to make or give any other warranties or representations, oral or written on its behalf. **In particular, there are no implied warranties, including without exception warranties of merchantability or fitness for a particular purpose.** No modifications of this warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Paragon.