



CONCRETE MIX 2500 PSI



PARAGON CONCRETE MIXES are mixtures of fine and coarse aggregates meeting ASTM C-33 Specifications. The aggregates are dry blended with Portland Cement Type II / V meeting ASTM C-150 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
- ◆ 4000 & 5000 PSI Exceeds Strength requirement for ASTM C-387

USES:

Construction of:

- ◆ Sidewalks ◆ Driveways ◆ Patios

Setting of:

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

YIELDS:

- | | |
|-------------------------|-------------------------|
| ◆ 60 LB. BAG | ◆ 90 LB. BAG |
| 1 Bag = 0.45 Cu. Ft. | 1 Bag = 0.66 Cu. Ft. |
| 46 Bags = 1 Cubic Meter | 31 Bags = 1 Cubic Meter |
| 60 Bags = 1 Cubic Yard | 40 Bags = 1 cubic Yard |

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:

- | | | |
|--------------|-----------|----------------|
| 2500 PSI | 60 LB BAG | 2 3/4 TO 3 Qts |
| CONCRETE MIX | 90 LB BAG | 4 TO 4 1/2 Qts |

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 Paragon Concrete Mix 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.

DIVISION 3 CONCRETE
BLENDED CONCRETE MIXES OF STRENGTH DESIGNS



CONTINUED:

- ◆ 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.

COVERAGE: SLAB 4 INCHES THICK

Square footage	1	2	5	10	20	50	100
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60 lb. bag	1	2	4	7	14	35	70
90 lb. bag	1	1	3	5	10	23	47

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.

TECHNICAL DATA:

PARAGON CONCRETE MIXES are manufactured to meet strength specifications for concrete mixes of the following designs:

Compressive Strength
ASTM C 39/C 39M

2500 psi	28 days	2500 + psi	17.24 Mpa
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PACKAGING:

60 lb. | 27.2 kg multi-ply bags 56/Pallet
90 lb. /41.0 kg multi-ply bags 35/Pallet
3000 lb. Tote

LIMITATIONS:

- ◆ DO NOT apply when the air or substrate temperature is below 40° F within 24 hours of application.
- ◆ 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 Building Products Inc.
- ◆ 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 Building Products Inc.
2895 Hamner Avenue
Norco, CA 92860
Phone: 951-549-1155
Fax: 951-549-1177

Avoid hazards by following all precautions found in the MSDS (Material 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 951-549-1155.

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



CONTINUED:

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 buyer's 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.