

HIGH STRENGTH CONCRETE MIX

DS.CM.061620

PRODUCT

OBP Concrete Mix

4000 PSI

5000 PSI

Special Order

MANUFACTURER

ORCO Blended Products
27347 3RD St. Highland, CA 92346
877-838-6726 Fax 909-862-2490
www.orco.com



DESCRIPTION

OBP Concrete Mixes are dry, factory blended concrete mixes requiring only the addition of water to produce a high quality concrete. The high quality and code compliance make it suitable for all types of residential, commercial and institutional projects. Batch weighing raw materials and pre-blending make it more consistent and convenient than job site mixing. Available in several compressive strength formulations and a variety of special orders to meet individual project requirements. Standard products are:

OBP Concrete Mix:

4000 (>4000 PSI)

5000 (>5000 PSI)

Special Orders: Available upon request, subject to minimum quantities. Special orders may include efflorescence control water repellent additives, flow additives, color, pozzolons, accelerators, fibers, and other additives required for individual project requirements.

USES

OBP Concrete Mix is suitable for driveways, patios, floors, counter tops, poured in place walls, post footings, curbs, steps and footings. Ideal for use as a base under ORCO Pavingstones. It may be used to fill cells in concrete masonry. It is ideal for use on multi story projects and similar conditions where a transit mix vehicle is not practical.

ADVANTAGES

- High quality control
- Convenient, easy to handle
- Meets code requirements
- No sand piles or wasted material

PACKAGING

Available in 90 lb. and 60 lb. paper bags and 3000 lb. bulk bags. Portable bulk bag silo system available upon request. **SHELF LIFE:** When stored in a cool dry area, with low humidity, shelf life is approx. six months to one year.

COVERAGE

Package Size	Approx. Water	Approx. Yield
60lb	.67-.79 gal	.45 cuFt. (.012m ³)
90lb	1-1.2 gal	.66 cuFt. (.019m ³)

LIMITATIONS

- Minimum thickness - 2"
- Do not apply when temperatures are below 40°F prior to cure.
- Do not add any admixtures without prior consent.
- Follow ASTM guidelines for installation in high heat, cold or wind.
- Do not over mix-will entrap excess air and lower strengths.
- Do not over water-will lower strengths.
- Follow ACI guidelines for forming, preparation, placing, finishing, and curing.
- Install control joints as required.

TECHNICAL DATA

OBP Concrete Mix is a blend of Portland Cement (ASTM C150), washed concrete sand, 3/8" aggregate (ASTM C404) and proprietary additives. All mixes meet the strength requirements of (ASTM C387) Standard Specification for Packaged, Dry Combined Materials for Mortar and Concrete. Compressive strength test performed per (ASTM C39) at an approximate slump of 3-4". Approved by the City of Los Angeles RR545 and has been approved on State of California - DSA projects.

INSTALLATION

Mixing: Add to clean potable water and mix. **Do not over water.** To achieve the designated compressive strength the specified amount of water must not be exceeded. Higher water content will result in lower compressive strength. Mixing with a barrel type mechanical mixer a minimum of five minutes is recommended, but mixing by hand is acceptable if approved. **Do not mix at high speed** which may entrap additional air.

Placement: Pour and finish concrete according to local building codes, ASTM, ACI and IBC guidelines. Follow code requirements for installation in high heat, wind or cold weather.

AVAILABILITY / TECHNICAL SERVICES

Contact ORCO Blended Products for dealers in your area and technical services at 877-838-6726.

CAUTION

Prolonged exposure to dust may cause delayed lung disease. Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Freshly mixed materials may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly. If any cementitious materials get into the eyes, rinse immediately and repeatedly with water and get prompt medical attention. See SDS sheet. **Warning:** This product can expose you to Silica, crystalline (airborne particles or respirable size) which is known to the State of California to cause cancer. For more information go to www.p65Warnings.ca.gov.

WARRANTY

The technical information and usage statements are based on our best knowledge. The contents of this specification sheet are presented for informational purposes only and do not constitute responsibility for their use. The manufacturer will replace only that material which is proven defective due to quality of the components or the manufacturing process.



PRODUCT DATA SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION. TEST RESULTS SHOWN ARE TYPICAL BUT FIELD PERFORMANCE WILL VARY DEPENDING ON INSTALLATION METHODS AND JOB CONDITIONS.