

ORCO BLENDED PRODUCTS

A Division of ORCO Block & Hardscape

Concrete Mix

CM DS 8-14

PRODUCT

OBP CONCRETE MIX

2000 PSI	5000 PSI
3000 PSI	5500 PSI
4000 PSI	



MANUFACTURER

ORCO BLENDED PRODUCTS
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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 PROJECTS RESIDENTIAL, COMMERCIAL AND INSTITUTIONAL. BATCH WEIGHING, RAW MATERIALS AND PRE-BLENDING MAKE IT MORE CONSISTENT AND CONVENIENT THAN JOBSITE MIXING. AVAILABLE IN SEVERAL COMPRESSIVE STRENGTH FORMULATIONS AND A VARIETY OF SPECIAL ORDERS TO MEET INDIVIDUAL PROJECT REQUIREMENTS. STANDARD PRODUCTS ARE:

OBP CONCRETE MIX

2000 (>2000 PSI)	5000 (>5000 PSI)
3000 (>3000 PSI)	5500 (>5000 PSI)
4000 (>4000 PSI)	

SPECIAL ORDERS: AVAILABLE UPON REQUEST, SUBJECT TO MINIMUM QUANTITIES. SPECIAL ORDERS MAY INCLUDE EFFLORESCENCE CONTROL WATER REPELLANT ADDITIVES, FLOW ADDITIVES, COLOR, POZZALONS, ACCELERATORS, AND OTHER PROPERTIES REQUIRED FOR INDIVIDUAL PROJECT REQUIREMENTS.

USES

OBP CONCRETE MIX IS SUITABLE FOR ANY PROJECT REQUIRING A HIGH QUALITY CONCRETE MIX. IT MAY BE USED ON FLAT WORK SUCH AS PATIOS, DRIVEWAYS, FLOORS, POURED IN PLACE WALLS, 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
- BROAD PRODUCT SELECTION
- MEETS CODE REQUIREMENTS
- AVAILABLE IN BAGS AND BULK BAGS
- NO SHORT LOAD CHARGES
- 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. STORE MATERIALS IN UNOPENED BAGS IN A DRY AREA.

COVERAGE

ONE 90 LB. BAG YIELDS APPROXIMATELY .7 CU. FT. OF FINISHED CONCRETE.

LIMITATIONS

DO NOT APPLY WHEN TEMPERATURES ARE BELOW 40°F PRIOR TO CURE. PROPER TEST METHODS AND HANDLING OF TEST CYLINDERS ARE IMPORTANT FOR JOBSITE TESTING. DO NOT ADD ANY ADMIXTURES WITHOUT PRIOR CONSENT. PROPER CURING IS REQUIRED. FOLLOW ASTM GUIDELINES FOR INSTALLATION IN HIGH HEAT, COLD OR WIND.

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 C192 AT A APPROXIMATE SLUMP OF 5" 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 IN 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 CEMENTITOUS MATERIALS GETS INTO THE EYES, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION. SEE SDS.

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.