

ORCO BLENDED PRODUCTS

A Division of ORCO Block & Hardscape

Masonry Grout 70/30

70/30 CONCRETE & MASONRY GROUT DESIGNED TO CORE FILL MASONRY UNIT CELLS & FLAT WORK

MG7030 DS 05-17

PRODUCT

OBP MASONRY GROUT 70/30
2000 PSI
3000 PSI
4000 PSI

MANUFACTURER

ORCO BLENDED PRODUCTS
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DESCRIPTION

OBP MASONRY GROUT 70/30 IS A DRY, FACTORY BLENDED CONCRETE DESIGNED TO FILL THE CELLS OF CONCRETE BLOCK AND SIMILAR MASONRY UNITS. THE RATIOS OF 70% CONCRETE SAND TO 30% $\frac{3}{8}$ " AGGREGATE ALLOW IT TO FILL TIGHT MASONRY CELLS EASIER. BATCH WEIGHING OF RAW MATERIALS AND PRE-BLENDING MAKE IT MORE CONSISTENT AND CONVENIENT THAN JOBSITE MIXING. ALL COARSE GROUT MEETING THE REQUIREMENTS OF ASTM C476. IT IS DESIGNED TO BE POURED AT A HIGH FLUID SLUMP YET PROVIDE A COHESIVE MIX WITH GOOD BONDING PROPERTIES TO THE MASONRY UNIT AND REINFORCING STEEL. AVAILABLE IN SEVERAL STANDARD MIX DESIGNS AND A WIDE VARIETY OF SPECIAL ORDERS TO MEET INDIVIDUAL PROJECT REQUIREMENTS. STANDARD MIX DESIGNS ARE:

OBP MASONRY GROUT 70/30 2000 (>2000 PSI)
3000 (>3000 PSI)
4000 (>4000 PSI)

SPECIAL ORDERS SUBJECT TO MINIMUM QUANTITIES.

AVAILABLE WITH:

- J-4 R-REPEL AID INTEGRAL WATER REPELLANT / EFFLORESCENCE CONTROL ADDITIVE (SPECIAL ORDER)
- GA213 R-GROUT AID HI-LIFT GROUTING APPLICATIONS (SPECIAL ORDER)
- A SELF COMPACTING FORMULA MEETING THE REQUIREMENTS OF ASTM C476 SELF COMPACTING GROUT. (SPECIAL ORDER)

USES

USED AS A CONCRETE FOR FILLING THE CELLS OF CONCRETE BLOCK, AND SIMILAR MASONRY UNITS. MAY BE USED ON LOW LIFT OR HIGH LIFT GROUTING APPLICATIONS (W/GA213 R-GROUT AID).

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
- MAY BE USED ON LOW LIFT OR HI-LIFT GROUT (W/GA213)

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 IS 6 MONTHS IN UNOPENED BAGS, STORED IN A DRY PROTECTED AREA.

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.

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 MASONRY GROUT 70/30 IS A BLEND OF PORTLAND CEMENT ASTM C150, 70% WASHED CONCRETE SAND AND 30% $\frac{3}{8}$ " AGGREGATE ASTM C404. IT MEETS THE REQUIREMENTS OF ASTM C476 COURSE GROUT. COMPRESSIVE STRENGTH TEST PERFORMED TO ASTM C1019 AT A SLUMP OF 8-11 INCHES. APPROVED IN THE STATE OF CALIFORNIA AND CITY OF LOS ANGELES PROJECTS.

INSTALLATION

MIXING: A MECHANICAL BARREL TYPE BATCH MIXER IS RECOMMENDED, HOWEVER, MIXING BY HAND MAY BE USED IF APPROVED. DO NOT MIX AT HIGH SPEED WHICH MAY ENTRAP ADDITIONAL AIR. MIX A MINIMUM OF 5 MINUTES. ADD TO CLEAN POTABLE WATER. USE THE RECOMMENDED WATER GUIDELINES TO ACHIEVE A SLUMP OF APPROXIMATELY 8-11 INCHES.

PLACEMENT: THE MIXED GROUT MAY BE PLACED BY HAND OR PUMP. PLACE, VIBRATE AND CURE PER ASTM, IBC, CBC, AND LOCAL BUILDING CODES. FOLLOW BUILDING CODE REQUIREMENTS IN HIGH HEAT, WIND OR COLD WEATHER CONDITIONS. DISCARD UNUSED GROUT WITHIN $\frac{1}{5}$ HOURS.

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 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.

