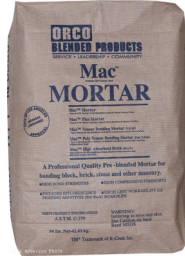


## TYPE S & M LIME ALTERNATE MORTARS FOR BLOCK, BRICK AND STONE

MM DS 05-17

### PRODUCT

MAC MORTAR TYPE S  
MAC Plus TYPE M  
MAC Plus - Premium  
MAC HAB



### MANUFACTURER

ORCO BLENDED PRODUCTS  
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### DESCRIPTION

**MAC MORTAR:** IS A DRY, FACTORY BLENDED MASONRY MORTAR MEETING ASTM C270 FOR BONDING CONCRETE BLOCK, CLAY BRICK, STONE & OTHER MASONRY UNITS. MAC MORTAR HAS EFFLORESCENCE CONTROL PROPERTIES, HIGH BOND STRENGTHS, LOW SHRINKAGE, AND IMPROVED BOARD LIFE. MAC MORTAR IS AVAILABLE IN A VARIETY OF PACKAGING, COLOR AND MIX DESIGNS TO MEET INDIVIDUAL JOB REQUIREMENTS.

**MAC MORTAR Plus:** INCLUDES ADDITIONAL WATER REPELLANT AND EFFLORESCENCE CONTROL ADDITIVES. AVAILABLE IN TYPE S OR M.

**MAC Plus - Premium:** HAS HIGH WATER REPELLANT PROPERTIES AND ADDITIONAL DRY LATEX POLYMER FOR IMPROVED FLEXURAL BOND STRENGTH. IDEAL FOR GROUTING PAVERS IN HEAVY TRAFFIC APPLICATIONS. AVAILABLE IN TYPE S OR M.

**MAC MORTAR HAB:** DESIGNED FOR INSTALLING HIGH ABSORPTION BRICK, STONE VENEER AND MASONRY UNITS. THE HIGH WATER RETENTION ALLOWS FOR IMPROVED WORKING TIME AND BOND STRENGTH. AVAILABLE IN TYPE S.

### EFFLORESCENCE

THE ADDITIONAL WATER REPELLANT PROPERTIES OF MAC Plus & MAC Plus-Premium PROVIDE THE GREATEST PROTECTION.

### COLORS

MAC MORTARS MAY BE ORDERED IN OBP STANDARD COLORS AND UNLIMITED SPECIAL ORDER COLORS. THE EFFLORESCENCE CONTROL AND WATER REPELLANT PROPERTIES HELP THE LONG TERM APPEARANCE OF COLORED MORTAR.

### USES

USED FOR BONDING CONCRETE BLOCK, BRICK, STONE AND OTHER MASONRY PRODUCTS. IT IS SUITABLE WHEREVER A HIGH QUALITY MASONRY MORTAR MEETING ASTM C270 IS REQUIRED.

### ADVANTAGES

- INCLUDES EFFLORESCENCE FIGHTING ADDITIVES
- HIGH BOND AND COMPRESSIVE STRENGTHS
- EXCELLENT WORKABILITY AND BOARD LIFE
- LOWER SHRINKAGE
- CONVENIENT HANDLING AND TRANSPORTING
- PRE-BLENDED COLOR AND UNIFORMITY
- VERSATILE PRODUCT SELECTION

### UC RIVERSIDE - MAC Plus

### PACKAGING

AVAILABLE IN 94 LB. WEATHER RESISTANT BAGS 3,000 LB. BULK BAGS AND BULK. STORE IN A COOL DRY AREA.

### COVERAGE

ONE 94 LB. BAG WILL INSTALL APPROXIMATELY 22 CONCRETE BLOCK. COVERAGE CAN VARY DUE TO INSTALLATION TECHNIQUE. SHELF LIFE IS 6 MONTHS WHEN STORED IN A DRY AREA IN UNOPENED BAGS.

### 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

MEETS THE PROPERTY SPECIFICATIONS OF ASTM C-270 TYPE S (>1800 PSI) & TYPE M (>2500 PSI), IBC AND CBC. THE MORTAR CONSISTS OF PORTLAND CEMENT (TYPE II/V) (ASTM C-150); R-MORTAR AID (ICC REPORT ER 5403) & WASHED MASONRY SAND. COMPRESSIVE STRENGTH SPECIMENS MUST BE AIR CURED FOR 7 DAYS PRIOR TO TESTING DUE TO THEIR HIGH WATER RETENTION & WATER REPELLENCY (PER ANSI 118.1).

### INSTALLATION

ADD MAC MORTAR TO CLEAN POTABLE WATER AND MIX TO THE DESIRED CONSISTENCY. RECOMMENDED WATER IS APPROXIMATELY 15-20% BY WEIGHT. MIX A MINIMUM OF 2 MINUTES WITH 5-10 MINUTES RECOMMENDED. APPLY MASONRY UNITS ACCORDING TO APPLICABLE INTERNATIONAL BUILDING CODE, ASTM AND LOCAL BUILDING CODES.

### 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. \*MAC AND VBM MORTARS ARE A TRADEMARK OF R-CRETE INC.