

# ORCO BLENDED PRODUCTS

A Division of ORCO Block & Hardscape

Standard & Premium

MAC<sup>TM</sup> Scratch & Brown

## PORTLAND CEMENT SCRATCH AND BROWN PLASTER

MSB DS 8-14

### PRODUCT

MAC SCRATCH  
MAC SCRATCH & BROWN PREMIUM

### MANUFACTURER

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### PRODUCT DESCRIPTION

**MAC SCRATCH & BROWN:** IS A DRY, FACTORY BLENDED MORTAR DESIGNED SPECIFICALLY FOR PRODUCING INTERIOR OR EXTERIOR PORTLAND CEMENT BASED PLASTER. HAS A LOWER AIR CONTENT THAN PLASTIC CEMENT MIXES AND PROVIDES A STRONGER MORTAR. IT HAS LOWER SHRINKAGE THAN CEMENT LIME MIXES AND LESS CRACKING. IT ALSO PROVIDES SOME PROTECTION AGAINST EFFLORESCENCE.

**MAC SCRATCH & BROWN - PREMIUM:** PROVIDES THE SAME BENEFITS AS MAC SCRATCH & BROWN BUT WITH ADDITIONAL WATER REPELLENCY, FIBER AND POLYMERS. THESE PROPERTIES PRODUCE AN EXCEPTIONAL BASE FOR STUCCO AND VENEERS. THE WATER REPELLENCY HELPS PROTECT THE INTEGRITY OF THE ENTIRE WALL SYSTEM. THE FIBERS AND POLYMERS SIGNIFICANTLY REDUCE CRACKING AND IMPROVE FLEXURAL STRENGTHS. PREFERRED BASE FOR HIGH PERFORMANCE BONDING MORTARS WITH VENEERS. WHEN INSTALLING HIGH QUALITY STUCCO FINISHES OR TILE OR MASONRY VENEERS, MAC SCRATCH & BROWN PREMIUM IS RECOMMENDED.

### USES

USED AS HIGH PERFORMANCE MORTARS FOR INTERIOR OR EXTERIOR PORTLAND CEMENT PLASTER. THEY ARE USED AS THE BASE COAT FOR STUCCO, PAINT AND MASONRY VENEERS. USED AS THE FIRST COAT (SCRATCH) AND SECOND COAT (BROWN) ON ALL TYPES OF RESIDENTIAL, COMMERCIAL AND INSTITUTIONAL PROJECTS.

### ADVANTAGES

- HIGH QUALITY
- HIGH STRENGTH
- WATER REPELLENT (PREMIUM)
- EFFLORESCENCE CONTROL
- REDUCED CRACKING
- CONVENIENCE OF HANDLING ONE PRODUCT
- EXCELLENT FOR MULTI STORY AND DIFFICULT ACCESS JOBS

### PACKAGING

AVAILABLE IN 94 LB. MULTI WALL BAGS, 3000 LB. BULK BAGS OR BULK. INFORMATION ON SILOS AND BULK SYSTEMS AVAILABLE UPON REQUEST. SHELF LIFE IS 6 MONTHS IN UNOPENED BAGS, STORED IN A DRY PROTECTED AREA.

### COVERAGE

ONE 94 LB. WILL YIELD .77 CU. FT. COVERAGE WILL VARY DUE TO THICKNESS AND WASTE.

### LIMITATIONS

DO NOT APPLY WHEN TEMPERATURES ARE BELOW OR EXPECTED TO FALL BELOW 40°F PRIOR TO CURE. APPLICABLE BUILDING CODES MUST BE FOLLOWED. SUBSTRATE MUST BE SOUND ANY CRACKS OR EXCESSIVE MOVEMENT MAY TELEGRAPH THRU MORTAR OR CAUSE BOND FAILURE. AVOID APPLICATIONS IN HIGH HEAT, WIND OR COLD (FOLLOW ANSI AND ASTM GUIDELINES). PROPER DESIGN AND APPLICATION PROCEDURES MUST BE FOLLOWED.

### TECHNICAL DATA

BOTH PRODUCTS MEET THE REQUIREMENTS OF ASTM C926 STANDARD SPECIFICATION FOR APPLICATION OF PORTLAND CEMENT BASED PLASTER. PRODUCT CONSISTS OF PORTLAND CEMENT ASTM C150, R-MORTAR Aid ICC ER-5413, WASHED MASONRY SAND AND PROPRIETARY ADDITIVES.

### INSTALLATION

**SUBSTRATE:** ALL SUBSTRATES MUST BE CLEAN AND FREE FROM ANY DIRT, OIL, PAINT, BOND BREAKERS OR ANY SUBSTANCES WHICH MAY HINDER BOND. ALL WATERPROOFING AND LATH MUST BE INSTALLED ACCORDING TO APPLICABLE BUILDING CODES. THE SUBSTRATE MUST BE STRUCTURAL SOUND AND CONFORM TO GOOD ENGINEERING PRACTICES MEETING BUILDING CODE REQUIREMENTS. MOVEMENT IN THE SUBSTRATE CAN CAUSE CRACKING IN THE FINISHED MORTAR AND BOND FAILURE. ALL EXPANSION OR MOVEMENT JOINTS SHALL BE BROUGHT THROUGH THE MORTAR TO THE SURFACE.

**MIXING:** ADD ONE 94 LB. BAG TO APPROXIMATELY 2 GALLONS OF CLEAN POTABLE WATER. MIX A MINIMUM OF 5 MINUTES.

### APPLICATION

FOLLOW IBC, CBC, ASTM AND LOCAL BUILDING CODES FOR INSTALLATION AND CURING REQUIREMENTS. DAMPEN ABSORPTIVE MASONRY JUST BEFORE APPLICATION. IT IS THE RESPONSIBILITY OF THE USER TO INSURE THE MORTAR IS SUITABLE FOR THE INTENDED APPLICATION, THE SUBSTRATE IS PROPERLY PREPARED AND APPLICATION IS PERFORMED CORRECTLY. ALLOW MORTAR BED TO CURE ACCORDING TO STUCCO COLOR COAT, PAINT OR BONDING MORTAR REQUIREMENTS.

### 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.

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.