

## PREMIUM SANDED GROUT WITH POLYMER

VPJG DS 05-17

### PRODUCT

VP JOINT GROUT  
VP JOINT GROUT - PREMIUM

### MANUFACTURER

ORCO BLENDED PRODUCTS  
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### DESCRIPTION

VP JOINT GROUT IS A PRE-BLENDED MORTAR DESIGNED TO FILL GROUT JOINTS IN A VARIETY OF TILES, THIN BRICK, MASONRY VENEERS AND PAVER APPLICATIONS. VP JOINT GROUT - PREMIUM HAS ADDITIONAL POLYMER AND WATER REPELLANT PROPERTIES. IT IS THE RECOMMENDED PRODUCT FOR HIGHER TRAFFIC AND PAVINGSTONES APPLICATIONS. THE HIGHER POLYMER CONTENT PROVIDES GREATER FLEXURAL STRENGTH, EFFLORESCENCE PROTECTION, FREEZE THAW AND LONG TERM COLOR PROTECTION. BOTH PRODUCTS PROVIDE A GROUT JOINT WITH EXCEPTIONAL DURABILITY, STAIN RESISTANCE, AND COLOR FAST PROPERTIES. VP JOINT GROUT IS MADE WITH A FINE SILICA SAND (FOR JOINTS WITH A COURSE SAND USE MAC, MAC PLUS OR MAC PLUS PREMIUM).

### EFFLORESCENCE

SIGNIFICANTLY REDUCES THE POTENTIAL OF EFFLORESCENCE DUE TO ITS WATER REPELLANT PROPERTIES.

### COLORS

MAY BE ORDERED IN OBP STANDARD COLORS AND UNLIMITED SPECIAL ORDER COLORS FOR INDIVIDUAL PROJECT REQUIREMENTS. THE EFFLORESCENCE CONTROL AND WATER REPELLANT PROPERTIES HELP LONG TERM APPEARANCE OF COLORED JOINT GROUT.

### USES

GROUTING MORTAR FOR FILLING JOINTS (1/4" - 1 1/2") WITH A FINE SILICA SAND: THIN BRICK, NATURAL STONE, MANUFACTURED STONE CONCRETE PAVINGSTONES, BRICK PAVINGSTONES, PRE-CAST CONCRETE AND TILE.

### ADVANTAGES

- WATER RESISTANT PROPERTIES
- SHRINKAGE COMPENSATED
- HIGH BOND STRENGTH
- LOW STAINING PROPERTIES
- FLOWS EASILY THRU A GROUT BAG
- EFFLORESCENCE PROTECTION
- EXCELLENT FREEZE THAW DURABILITY
- INTERIOR AND EXTERIOR
- EXTRA COLOR PROTECTION
- FLOORS AND WALLS

### PACKAGING

AVAILABLE IN 60 LB. WEATHER RESISTANT BAGS. WHEN STORED IN A COOL DRY AREA, UNOPENED BAGS SHELF LIFE IS APPROXIMATELY 6 MONTHS.

### COVERAGE

APPROXIMATELY .50 CU FT. PER BAG. COVERAGE WILL VARY DUE TO JOINT AND VENEER SIZE.



### LIMITATIONS

DO NOT APPLY WHEN TEMPERATURES ARE BELOW OR EXPECTED TO FALL BELOW 40°F PRIOR TO CURE. LOCAL BUILDING CODES MUST BE FOLLOWED. SUBSTRATE MUST BE SOUND. ANY CRACKS OR EXCESSIVE MOVEMENT MAY TELEGRAPH THRU MORTAR OR CAUSE BOND FAILURE. VP JOINT GROUT IS NOT RECOMMENDED FOR EXPANSION OR MOVING JOINTS. AVOID APPLICATIONS IN HIGH HEAT, WIND OR COLD (FOLLOW ANSI AND ASTM GUIDELINES). IMPORTANT TO USE THE SAME AMOUNT OF WATER AND INSTALLATION TECHNIQUES FOR UNIFORMITY IN COLOR. WEATHER, ABSORPTION OF MASONRY UNITS AND INSTALLATION PROCEDURES HAVE AN IMPACT ON FINISHED COLORS. DO NOT USE ACID TO CLEAN COLORED CEMENT GROUT JOINTS.

### TECHNICAL DATA

MEETS THE COMPRESSIVE STRENGTH AND WATER ABSORPTION SPECIFICATIONS OF ANSI 118.6 AND ANSI 187.7 (PREMIUM). VP JOINT GROUT IS A BLEND OF PORTLAND CEMENT ASTM C150, SILICA SAND, R-MORTAR Aid ICC-ER 5403, POLYMERS AND PROPRIETARY ADDITIVES.

#### TYPICAL TEST RESULTS:

COMPRESSIVE STRENGTH >3500 PSI  
WATER ABSORPTION <5% (PREMIUM)

### INSTALLATION

**SUBSTRATE:** ALL SURFACES MUST BE STRUCTURALLY SOUND AND CONFORM TO GOOD ENGINEERING PRACTICES. SUBSTRATE DEFLECTION UNDER ALL LIVE, DEAD AND IMPACT LOADS, INCLUDING CONCENTRATED LOADS MUST NOT EXCEED L/360 FOR THIN BED INSTALLATIONS OR L/480 FOR THICK BED STONE INSTALLATIONS WHEN L= SPAN LENGTH. INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE IBC, ANSI AND LOCAL BUILDING CODES. MOVEMENT JOINTS SHALL BE BROUGHT THRU MORTAR AND VENEER TO THE SURFACE. NOT RECOMMENDED FOR MOVEMENT OR EXPANSION JOINTS. ALL SURFACES MUST BE SOUND, CLEAN, AND FREE FROM ANY DIRT, OIL, PAINT, BOND BREAKERS, EFFLORESCENCE OR ANY CONTAMINANT WHICH MAY HINDER BOND.

### MIXING

ADD TO CLEAN POTABLE WATER. MIX WITH A DRILL AT LOW SPEED, TAKING CARE NOT TO WHIP EXCESSIVE AIR INTO THE MIX. ALLOW TO SET FOR 10 MINUTES PRIOR TO USE, REMIX IF NECESSARY. FOR BEST COLOR CONSISTENCY USE THE SAME AMOUNT OF WATER ON EACH BATCH.

### APPLICATION

ALLOW BONDING MORTAR TO ADEQUATELY SET BEFORE GROUTING. WHEN USING A GROUT BAG COMPLETELY FILL THE JOINTS BETWEEN

THE STONE VENEER. USE A JOINT TOOL AND PRESS GROUT INTO THE JOINTS. AVOID GETTING EXCESS GROUT ON VENEER. BROOM OFF ANY DRIED GROUT FROM THE VENEER AFTER A FEW HOURS, DO NOT ALLOW MORTAR TO SET ON STONE OR VENEER FACE OVERNIGHT. APPLICATION MAY ALSO BE DONE BY FLOATING THE ENTIRE SURFACE WITH GROUT AND WORKING THE GROUT INTO JOINTS. IF THE FLOATING METHOD IS USED ON POROUS OR ROUGH TILES, SEALING WITH A GROUT RELEASE MAY BE NECESSARY TO PREVENT STAINING. ALWAYS TEST A SMALL AREA TO DETERMINE THE BEST METHOD. IF A ROUGH OR RUSTIC LOOK IS DESIRED, MAC MORTAR OR MAC PLUS PREMIUM IS RECOMMENDED.

**CLEAN-UP:** CLEAN TOOLS AND MASONRY UNITS WITH WATER PRIOR TO MORTAR CURING.

**SEALING:** IF ADDITIONAL SURFACE PROTECTION IS REQUIRED, A PENETRATING SEALER OR FILM FORMING SEALER MAY BE APPLIED AFTER ADEQUATE CURING. ALWAYS TEST A SMALL AREA. CHECK WITH SEALER MANUFACTURER FOR SUITABILITY OF THE INTENDED APPLICATION. (PSI) (TYPE M >2500 PSI).

**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.



**VP JOINT GROUT - PREMIUM**



**THIN BRICK APPLICATION**



**VP JOINT GROUT**

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.