



# ULTRA PRO

## TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

A blend of premium ingredients, Portland cement, graded silica sands, powdered polymers and additives for the professional tile setter. Factory blended to produce a creamy mortar for a setting ceramic, porcelain glass and natural stones tiles. This thin-set mortar has excellent bond strength and workability for tile installations over most surfaces. Apply to cured concrete, cement boards and over existing tile. **ULTRA-PRO** exceeds ANSI 118.4 and ANSI 118.11 when mixed with clean potable

### SURFACE PREPARATION

Surface should be clean, hard and free from dirt, dust, sealers or any other bond-breaking contaminants. Substrate prep should be in compliance with ANSI 108 AN-2 "General Requirements for Sub-Surfaces". Concrete slabs must be fully cured, (28 days) structurally sound and dimensionally stable. Surfaces should be frost free and the ambient temperature must be between 40°F and 95°F for 72 hrs before installation can begin. Consult TCA method EJ 171 for expansion joint placement.

### PLACEMENT

Refer to current ANSI 108.5 specifications and TCA handbook.





## MIXING

Use clean potable water or acrylic admixes in a clean mixing container. A full bag of ULTR-PRO needs approximately 5 quarts water or acrylic admixes. Gradually add the contents of the bag to the liquid and mix thoroughly by hand or by using a slow speed drill and mixing device. Mix the material until lump free and into a thick and creamy consistency. Allow the mortar to stand 10 to 15 minutes and mix again. The proper finished consistency is reached when the trowel ridges remain upright without flow or slump. Occasional mixing of the mortar during use is recommended however, DO NOT re-temper. The addition of water (re-tempering) can reduce the performance and bond strength. Clean all tools after use with soap and water.

## USES

**ULTRA-PRO** is specially designed to be used in Porcelain tile (water absorption of less than 0.5%), Ceramic tile, Glass, Quarry and Natural Stone tiles, mini-brick, pre cast terrazzo and most other types of absorptive tiles. Can be used on both walls, floors, interior and exterior applications. Install over masonry, concrete, cement backer board, existing ceramic tile and exterior grad plywood per ANSI 108.5 specs. For interior dry areas gypsum board and ridged plywood substrates. This thin-set mortar is suitable for residential and commercial installations.  
*NOT FOR USE ON MOISTURE SENSITIVE STONES.*

## INFORMATION

ULTRA-PRO	Test results with water	Test results with CP 25 or CP 50
Open time	55-60 min	N/A
Adjustment time	30-35 min	N/A

  

ANSI Shear Bond testing results @ 28 days				
Materials tested	with water	with CP Admix	ANSI 118.1	118.1 & 118.11
Ceramic Tile	475 PSI	No additives needed	250 PSI	300 PSI
Porcelain Tile	320 PSI	No additives needed	150 PSI	200 PSI
Quarry Tile to Plywood	205 PSI	No additives needed	100 PSI	150 PSI

## COVERAGE PER BAG

3/4" x 3/4" x 3/4" covers 35 to 50 sq. ft.  
 1/2" x 1/2" x 1/2" covers 50 to 70 sq. ft.  
 1/4" x 1/4" x 1/4" covers 85 to 100 sq. ft.

*Standard trowel size for most installations and approximate material coverage*

## LIMITATIONS

Not to be used over asphalt sheeting, vinyl wallboard, metal, glass, plastic, gypsum mortar beds, particle board, OSB (chip board) or Masonite surfaces.

## CURING

The length of the initial set and full cure depends on climate conditions, usually 24 to 48 hours. Allow for proper curing prior to application of grout. **DO NOT** accelerate the curing of this material with mechanical fans or heating devices. Always do a test with the bonding mortar to verify the suitability of the bond to the substrate.

## WARNINGS

This product contains Portland cement which contains greater than 0.1% crystalline silica. Prolonged or occupational exposure to airborne crystalline silica may cause lung disease or cancer. For detailed information on how to use and handle this product safely, see the Material Safety Data Sheet.



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**CEMENT PRO**, as a manufacturer of processed material in the State of California, we are required by Proposition 65 to warn that one or more of the components contained in this product could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California requires the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacture, distribution and intended use.

## CAUTION

Recommendations for the use of this product are based on reliable tests. No guarantee of results is made where conditions are beyond our control. No representations either expressed or implied are made with respect to the product except as herein stated and under no circumstances, either expressed or implied, will CEMENT PRO be held liable for damages in excess of the purchase price of this product. Storage Life - One year if kept in a dry sealed bag.

## WARRANTY

This material contains Portland cement, silica sand and polymers. Contact with dry or freshly mixed mortar, grout or concrete may cause skin irritation. If direct contact occurs wash exposed skin areas promptly with soap and water. If any cement material gets into the eyes, rinse immediately and repeatedly with water and seek prompt medical attention.

**KEEP OUT OF REACH OF CHILDREN**