



**PRODUCT INFORMATION**

**accu-rite® ca**

High polymer modified, rapid setting, calcium aluminate Cement grout for joints 1/16" to 1/2"

**ACCU-RITE® CA** Grout is uniquely formulated to be use in both narrow and wide tile joints it provides a higher stain resistance than a Portland cement grout. **ACCU-RITE® CA** is the latest generation of advanced polymer modified, fast cure, calcium aluminate cement based colored grout available in the industry. **ACCU-RITE® CA**'s unique blend of cement, especially graded mineral fillers, stain blocking powdered latex modifiers and high-definition colorfast pigments provides for a superior grout strength with AMT (anti-microbial technology) and efflorescence suppression agents. **ACCU-RITE® CA** is protected by AMT it resists bacteria, mold, and fungus, and associated bacterial stains. **ACCU-RITE® CA** grout provides a pure, accurate color resistant to shading or mottling seen in past technology grouts.

**TEXTURE:**

Powder soft paste feel

**COLORS:**

28 colors

**PACKAGING:**

20 lb. (9.1 kg) bag.

**BASIC USE:**

> Grout any ceramic or porcelain tile or natural stone.

**AREA OF USE:**

> **ACCU-RITE® CA** can be used in any ceramic, porcelain tile and or natural stone it is used in all grout joint installations from 1/16" - 1/2" (2 - 13mm.).

**BENEFITS:**

- > It is fast setting
- > It is water cleanable before curing
- > Dries to a very dense grout joint with no shrinking or cracking

**LIMITATIONS:**

> **ACCU-RITE® CA** Grout is a cement base; it should not be used where high acid resistance is required. In areas of intermittent mild acid exposure, **ACCU-RITE® CA** Grout outperforms conventional sand-cement grouts. The potential for efflorescence is inherent in all cement based products and is not considered a manufacturing defect. **ACCU-RITE® CA** Grout is not affected by

**EVALUATE THE INSTALLATION:**

> On portland cement / sand setting beds (mortar bed) a curing period of 72 hours is recommended. With thinbed mortar, a period of 48 hours is sufficient. Allow adhesives / mastics to dry by evaporation of solvents or excess moisture, wait a minimum of 48 hours before grouting.

**SEALING OF TILE OR STONE PRIOR TO GROUTING:**

Some tiles, due to rough surface texture or high porosity require sealing prior to grouting. Consult the tile manufacturer's literature and packing carton for advice regarding suitability for use with sand-cement colored grouts. If in doubt, make a test sample using the tile and grout in question. Care should be exercised when applying a sealer so that the surface and not the tile edges are covered.

**MIXING:**

Mix 20 lb. (11.3 kg) of **ACCU-RITE® CA** Grout with 2.4 - 2.6 quarts

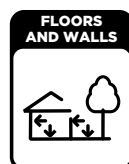
Technical Data: Ac-cent® Plus	
TEST	Requirement
Bucket Life	45 - 60 Minutes
Final set	3 Hours
Compressive strength (psi)	
7 Days	> 3000
28 Days	> 4000
Water absorption (%)	< 4
Tensile Strength (psi)	> 1000
Flexural Strength (psi)	> 1000
Shrinkage	< .2%

(2.3 - 2.5 L) of clean, potable water between 50°F to 80°F (10-27°C). Add the grout to the water using only a small amount of water to adjust to a non-flowable, paste, semi-slump consistency. Working time of mortar mix will be 40 min. to 1 hour. DO NOT RETEMPER MIX AFTER THIS POINT.

**APPLICATION:**

Remove any debris, thin-set more than 1/3" of the tile thickness. On all work it may be necessary to use shades or screens to prevent rapid water evaporation due to sun or wind. Install grouting during the coolest part of the day in summer months. During winter months, both grout and mixing liquid are above 60 °F (15 °C) before combining. The tile and substrate shall also be maintained at a minimum 60-80 °F (15-27 °C) for at a minimum of 24 hours. Prevent grout from being placed in expansion joints. Grout all areas of the installation with the same procedure.

1. Dampen the surface of the tile with a wet terry cloth towel. Do not leave standing water in grout joints or on surface tile.
2. Apply grout with a stiff rubber float. Use force to achieve a full compacted joint by working diagonally across the joints.



3. After filling joints, remove as much excess grout as possible from surface of the tile by holding the float at a 90° angle going diagonally across the face of the tile.

4. Most importantly, allow the grout to firm in the joint before any further cleaning is done. The grout is firm when it can only slightly be indented when pressed hard with your fingers.

5. Clean the remaining grout from the surface using a damp terry cloth towel or sponge. Use towel or sponge placed in clean water and then wring out all excess water. Pull the flat dampened towel or sponge across the tile. Continue this procedure by repeatedly washing and wringing out the towel in clean, cool water. Change wash water in bucket often.

**CLEANING OFF THE GROUT RESIDUE:** Use the driest possible technique for clean-up. Excess water will weaken the joint, and cause variation in the color and may cause shrinkage cracks and pinholes. Clean off the grout with cheesecloth and polish the installation dry. Acid wash is not recommended for cleanup (this includes vinegar). 6. Cleaning is complete when only a light haze remains, and the joint surface is smooth and even. 7. After 3-4 hours, clean off the haze and any excess grout by using a dampened white nylon scrub pad with clean water and scour the surface of tile. Final cleaning can be done using a damp towel or cheesecloth.

**WORKING TIME:**

Approximately 40 min. to 1 hour depending on ambient temperature. Frequently stir mixed grout to prevent firming in mixing container.

**TEMPERATURE RANGE FOR INSTALLATION:**

Do not grout below 43 °F (15 °C) or above 90 °F (32 °C) ambient temperature. Do not allow grout to freeze for the first 24 hours

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**CURING:**

Control temperature when possible; minimize temperature variation (within 10 degrees) to avoid shading.

**FINAL CLEANING:**

After 10 days, scrubbing with a white nylon scrub pad and a solution of TSP - Tri Sodium Phosphate in water (1 cup / 5 gallon water) may re-clean the floors. If residual grout is trapped on the surface of the tile, a solution of TEXRITE Crystal Clean GTM may be used at this time (2 lb. per 5 gallons of water). Note: Crystal Clean GTM is an acid product, follow product directions and cautions.

**MAINTENANCE CLEANING:**

It is important that all future routine maintenance programs do not contain any acids in the cleaning chemicals. Mold and mildew can attach to organic materials in dirt, food residues and soap scum for example. The organic material on the surface can provide a food source. Therefore, cleaning periodically with a solution of TSP or a cleaner specific to these conditions will provide sufficient removal of these contaminants.

**STORAGE LIFE:**

One year if kept dry in sealed bag.

**SAFETY - CAUTION:**

May cause eye, skin, or lung injury. Contains free silica. Prolonged

exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Contains portland cement. If any cement or cement mixtures get into eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete, or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.

**KEEP OUT OF REACH OF CHILDREN**

Safety - CAUTION: May cause eye, skin or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Recommend use of a NIOSH approved mask for silica dust. Contains: Portland cement. If any cement or cement mixture gets into the eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water.