



**PRODUCT INFORMATION**

**ac-cent® chroma**

High performance grout for narrow and wide tile joints



**AC-CENT® CHROMA** Grout is a high performance grout, uniquely formulated to use in both narrow and wide tile joints and provide stain resistance in a single product. **AC-CENT® CHROMA** Grout is a latest generation of advanced polymer modified, faster cure, portland cement based colored grout available in the industry. **AC-CENT® CHROMA's** unique blend of portland cement, specially graded mineral fillers, stain blocking powdered latex modifiers and high definition colorfast pigments provides a superior grout strength with anti-microbial and efflorescence suppression agents. **AC-CENT® CHROMA** is protected by ATM\*, it resists bacteria, mold and fungus and associated bacterial stains. The **AC-CENT® CHROMA** Grout provides pure, vivid color matching and resistance to shading or mottling seen in past technology grouts.

**TEXTURE:**

Powder, consisting of portland cement, graded mineral, organic and inorganic chemicals.

**COLORS:**

Available in 28 colors.

**PACKAGING:**

25 lb (11.3 kg) multi-wall bags.

**BASIC USE**

> **AC-CENT® CHROMA** Grout can be used to grout any ceramic and porcelain tile or natural stone.

**AREA OF USE**

> It is used in all joint installations, 1/16" - 1/2" (2 - 13 mm).  
> The "all-in-one" formula allows use on both narrow 1/16" - 1/8" (2 - 4 mm) and wide 1/8" - 1/2" (4 - 13 mm) joints with a single product.

**BENEFITS:**

> It is water cleanable before curing, non-flammable and easy to work.

**LIMITATIONS**

> **AC-CENT® CHROMA** Grout is portland cement based and should not be used where high acid resistance is required.  
> In areas of intermittent mild acid exposure, **AC-CENT® CHROMA** Grout out-performs conventional sand / cement grouts.  
> The potential for efflorescence is inherent in all cement based products and is not considered a manufacturing defect.  
> **AC-CENT® CHROMA** Grout is not affected by prolonged water contact but it does not form a waterproof barrier.

**APPLICABLE STANDARDS**

**AC-CENT® CHROMA** Grout may be used in installations that must conform to ANSI A108.1, A108.4, A108.5, A108.7, A108.10. conforms to ANSI A118.6-H2 and A118.7.

**Technical Data: AC-CENT® CHROMA Grout**

TEST	REQUIREMENT
Bucket life (hours)	2 hours
Initial set (hours) ASTM C-266	2 hours
Final set (hours) ASTM C-266	8 hours
Compressive strength (psi)	
7 days	> 3000
28 days	> 4100
Water absorption (%)	< 4
Hardness (shore D)	> 65

**INSTALLATION:**

On portland cement / sand setting beds (mortar bed) a curing period of 72 hours is recommended. With thin-bed 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**

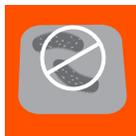
Some tiles, due to rough surface texture or high porosity require sealing prior to grouting. Consult the tile manufacturer's literature and packing carton for advice regarding suitability for use with sand-cement colored grouts. If in doubt, make a test sample using the tile and grout in question. Care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



WEATHER RESISTANT



AREAS EXPOSED TO HUMIDITY



MILDEW RESISTANT



INTERIOR / EXTERIOR WALLS / FLOORS

## MIXING

Mix 25 lb (11.3 kg) of **AC-CENT® CHROMA** Grout with 2.5 - 3.0 quarts (2.4 - 2.8 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 after the grout has slacked 15 minutes. Do not retemper mix after this point. Working time of mortar mix will be approximately one hour.

## APPLICATION

Remove any debris, thin-set in excess of 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 clean up (this includes vinegar).
6. Cleaning is complete when only a light haze remains and the joint surface is smooth and even.
7. The following day, 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 one hour depending on ambient temperature. Frequently stir mixed grout to prevent firming in mixing container.

## TEMPERATURE RANGE FOR INSTALLATION

Do not grout below 60 °F (15 °C) or above 90 °F (32 °C) ambient temperature. Do not allow mortar to freeze for the first 72 hours.

## CURING

Control temperature when possible; minimize temperature variation (within 10 degrees) to avoid shading. Do not allow grout to freeze for the first 72 hours.

## 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's 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. On occasion for extreme conditions, clean with Texrite's Crystal Clean GTM following manufac



turers recommendations. Mold and mildew can attach to organic materials in dirt, food residues and soap scum for example. AC-CENT® CHROMA Grout itself is protected from growth by AMT, but 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.

## SEALING AND STAINING

Sealers are an additional option used to help prevent staining of grout joints. AMT's most efficient mold resistance depends on direct contact with the grout; however use of a vapor breathable sealer is acceptable. Consult with sealer manufacturer's information. A period of at least 14 days and complete satisfaction of grout conditions should be allowed before the grout is sealed.

## MANY VARIABLES AFFECT SHADE OF GROUT

To achieve an approximately uniform shade of colored grout; it is necessary to treat all of the grout the same way over the entire installation. This means adhering to the following steps:

- a) Do not grout the same day the tile is installed. Wait 48 hours.
- b) Keep the width and depth of all the joints the same prior to grouting.
- c) Mix all of the grout with the same minimum amount of water and mix it all the same way.
- d) Plan your day's work so the next day's grouting does not join in the center of conspicuous areas. Different temperatures from one day to the next and differences in humidity from day to day can change the shade of the grout.
- e) All areas of the installation should be grouted with the exact same procedure. The most consistent color can be obtained by using cheesecloth (or sponge containing a minimum amount of water) to clean off the grout and by polishing the installation dry.

## STORAGE LIFE

One year if kept in dry unopened bags or boxes.

NOTE: Efflorescence is inherent in all cement-based products and is not considered a manufacturing defect.

\*AMT: Anti-Microbial Technology™

**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

**GUARANTEE:** The recommendations, suggestions, statements and technical data in this bulletin are based on our best knowledge. They are given for informational purposes only and without any responsibility for their use. The responsibility for the seller and manufacturer is only to replace that portion of the product of this manufacturer, which proves to be defective due to the quality of the ingredients or the manufacturing process itself. However, since handling and use is beyond our control, we do not guarantee the results to be obtained. Only written statements signed by an officer of the manufacturer are binding on the manufacturer or seller. Nothing in this bulletin should be interpreted as a recommendation for a use, which violates any patent rights.

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