



AC-CENT® GROUT

For Joint Widths from 1/8" - 1/2"
Mold Resistant Modified Polymer Tile Grout With



Product Information

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Ac-CENT® Sanded Grout is the most scientifically advanced polymer-modified Portland cement based colored grout available in the industry. **Ac-CENT®'s** unique blend of Portland cement, specially graded silica fillers, powdered latex modifiers and colorfast pigments provides for a superior grout with excellent flexural and bond strengths, color control, minimal efflorescence and high compressive

strength. **Because Ac-CENT® Sanded Grout is protected by AMT*, it resists bacteria, mold and fungus, and associated bacterial stains.**

AREA OF USE

Ac-CENT® Sanded Grout, can be used to grout virtually any ceramic and porcelain tile or natural stone available to the industry. It is used for medium to wide-joint installation, 1/8"-1/2". It would most commonly be used in residential and commercial areas where a premium grout is needed to solve demanding job conditions. For narrow 1/16" - 1/8" joints use **Ac-CENT® Grout, Non-Sanded**.

Ac-CENT® Sanded Grout is formulated so that it can provide the optimum in high wear, stain resistance and exceptional color uniformity. Only the addition of water is required. Unlike any grout to date, **Ac-CENT® Sanded Grout** offers improved workability with minimal labor required for final clean-up. ColorCure may be added in lieu of water to significantly improve bond strength, flexibility, thermal shock and to curb problems such as initial discoloration, color fading, cracking and efflorescence.

LIMITATIONS

Ac-CENT® Sanded Grout, because of its Portland cement base, should not be used where high acid resistance is required. In areas of intermittent mild acid exposure, **Ac-CENT® Sanded Grout** outperforms conventional sand/cement grouts. The potential for efflorescence is inherent in all cement based products and is not considered a manufacturing defect. **Ac-CENT® Sanded Grout** is not effected by prolonged water contact but it does not form a water-proof barrier.

APPLICABLE STANDARDS

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

Colors: **Ac-CENT® Sanded Grout** is available in 40 standard colors. Special colors upon request (min. quantities batch lots).
Texture - Powder, consisting of Portland cement, graded silica sand, organic and inorganic chemicals.
Packaging - 25 pounds multi-wall bags and 10 pound boxes

EVALUATE THE INSTALLATION

As in all cases, if proper precautions are taken before a job is started, many problems may be prevented which will assure a satisfactory job.

On Portland cement/sand setting beds (mud) a curing period of 72 hours is required to help reduce the problem of efflorescence due to free calcium. With thin-bed mortar, a period of 48 hours is sufficient. Adhesives cure by evaporation of solvents or excess moisture, which will destroy cement mortar; thus, a minimum of 48 hours should be allowed 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 25 pounds of **Ac-CENT® Sanded Grout** with 1/2 gallon of clean, potable water between 50°F and 80°F. Add the grout to the water, using only a small amount of water to adjust consistency after the mortar has slacked 15 minutes. Do not retemper mix after this point. Working time of mortar mix will be approximately one hour. ColorCure may be used in lieu of water.

Application

Open grout joints should be clean and free of all construction debris. Remove any thin-set in excess of 1/3 of the tile thickness. On exterior work and sometimes on interior work it may be necessary to use shades or screens to prevent rapid water evaporation due to sun or wind. Grouting should be done in the coolest part of the day during summer months. During winter months, care should be taken that both grout and mixing liquid are at least 60°F before combining. The tile and substrate shall also be maintained at a minimum 60°F for a minimum of 24 hours.

Care should be taken to 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 of 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 finger.



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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 Scotch Brite® pad with clean water and scour the surface of tile. Final cleaning can be done using a damp towel or cheesecloth.

Working Time

Approximately 1 hour depending on ambient temperature. Less working time when used with ColorCure Admix.

Temperature Range for Installation

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

Curing

Uneven curing of sand-cement grouts caused by air conditioning, unit heaters, open windows, etc. will cause variation or shading in cured colored sand cement grouts. Control temperature when possible, minimize temperature variation (within 10 degrees) to avoid shading.

Final Cleaning

After 10 days, scrubbing with a Scotch Brite® pad and a solution of T.S.P. in water (1 cup/5 gallon water) may reclean the floors. If residual grout is trapped on the surface of the tile, a solution of C-Clean may be used at this time (2 lbs. /5 gallons of water). It is important that before the C-Clean solution is placed on the tile that the grout be thoroughly saturated with water first. Glazed tiles should be checked on a small, inconspicuous area to determine the effect of C-Clean on the glaze. In addition, acid cleaning will cause discoloration of the grout joint and tile; the degree of which can be determined by doing a small test patch in an inconspicuous area. Note: C-Clean is an acid product.

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 C-Clean following manufactures recommendations. Mold and mildew can attach to organic materials in dirt, food residues and soap scum for example. **Ac-CENT® Sanded 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.

Special Notice: DO NOT ACID CLEAN the following Grout colors; #35 Catalina Jade, #37 Morning Mist, #41 Sea Foam, #86 Ocean - Blue, #108 Opal, #104 Jasper, or #109 Emerald. For specific cleaning procedures on these colors contact the manufacturer.

Sealing and Staining

Sealers are 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 manufacturers 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.

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

*AMT - Anti-Microbial Technology™

Technical Data: Ac-cent® Sanded Grout

Bucket Life (Hours)	2
Initial Set (Hours) ASTM C-266	2
Final Set (Hours) ASTM C-266	8
Compressive Strength (psi)	
7 day	>2900
28 day	>4000
Water Absorption (%)	<6
Hardness (Shore D)	>65

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

Storage Life - One year if kept in dry unopened bags or boxes.

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. DSACGRR052710