



CEM525

One-component Polymer Modified, Cementitious & Ready-to-use Sanded Tile Grout

PRODUCT DESCRIPTION

CEM525 is a one-component polymer modified, cementitious, ready-to-use sanded tile grout composed of cement, special fillers, proprietary chemicals and high-quality pigments.

FIELDS OF APPLICATION

CEM525 is extensively used for the grouting of tile joint widths greater than 1/8 inch (3 mm).

For added performance, EB550 SBR can be added to CEM525 to improve color uniformity and intensity, toughness and freeze-thaw durability. CEM525 should not be used in areas subjected to strong acids. CEM525 may be used with confidence in high traffic conditions.

PRODUCT FEATURES

- Single component ready-to-use.
- Easy to mix, simple addition of water or EB550 SBR.
- Excellent adhesion to tiles.
- Factory precision blended high quality pigment for color uniformity and intensity.
- Freeze thaw durable.

PACKAGING

Product	Packaging
CEM525	25 Lb (11.34 kg) Bag

TECHNICAL DATA

Physical Properties

Shear Strength Psi (MPa), 7 days, ANSI 118.1	> 300 (2)
Initial set	2 hours
Final set	5 hours
Adhesion Strength Psi (MPa), ASTM D-4541 Method A	150 (1.03)

APPLICATION DATA

Limitations:

- Do not grout if temperatures are expected to fall below 54F (12C) within 48 hours after application.
- Grouting may be performed after 48 hours from setting installation.
- CEM525 should not be used in areas subjected to severe exposure to strong acids.

Mixing: add CEM525 to water or EB550 SBR and mix to a thick consistency. Avoid adding too much mixing liquid which may cause color inconsistencies. To obtain uniform color, be consistent in the amounts of mixing liquids used. Mix at a low speed to avoid entraining excess air into the material. Let material slake for 10 minutes and remix prior to use. Do not add additional water to retemper material.

Application: for unglazed tile, dampen the surface prior to grouting, but do not leave water in the joint spaces. Using an appropriate grouting float, diagonally press material into spaces with pressure to insure complete filling of the joint. Remove excess material with edge of the float. Once the grout has acquired an initial set, smooth the joints and remove the grout haze from the tile with a slightly dampened soft cloth. Protect grout surface with building paper for several days after installation to protect the grout from dirt or stains. To inhibit shrinkage, cracking and color inconsistencies during dry or hot conditions, it is especially important to cover the grout joints with building paper in order to maintain a damp cure. If necessary, a final cleaning may be performed with soap and water to remove any residual grout haze from the tile surface. A mild solution of grout cleaner, suitable for tile installations, may also be used to remove well-adhered grout haze from tile. Refer to manufacturer's recommendations for use of cleaners and always apply a test sample in a hidden area to evaluate performance prior to entire application. Sealers may be applied after 28 days from application.

Coverage: varies depending upon the size of the tile and the width of the joint.

CLEANING

CEM525 should be removed and cleaned from equipment and tools with water immediately after use.

STORAGE

Store out of direct sunlight. Store in cool, dry storage facilities. Shelf life up to 12 months when stored in original bags in cool, dry storage places.

HANDLING PRECAUTIONS

CEM525 is non-flammable and non-toxic in nature, avoid contact with eyes and skin as it may cause irritation due to its alkaline nature. Splashes of CEM525 should be washed off immediately with clean water. Wear necessary gloves and dust mask.

TECHNICAL ASSISTANCE

Please contact International Chem-Crete Corporation for Technical Personnel.

WARRANTY

LIMITED WARRANTY: International Chem-Crete Inc. warrants that, at the time and place we make shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Inc. is not under

any circumstances liable to connection with the use of information. As International Chem-Crete Inc. has no control over the use to which others may put its products, it is recommended that the products be tested to determine the suitability for specific applications and/or our information is valid in particular

circumstances. Responsibility remains with the architect or engineer, contractor and owner of the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for specific application and assume all responsibility in connection therewith. AM18419.

Manufactured By:



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