

ConTile Grout

Polymer Modified, Cementitious, Water Resistant Tile Grout

DESCRIPTION

ConTile Grout is a single component, high performance polymer fortified un-sanded portland cement grout designed to be mixed with water. Formulated from a blend of high strength Portland cement, polymers and colorfast pigments, provides a grout that is dense, hard and durable.

USES

- Excellent for joints filling of ceramics, porcelains, marbles, granite, stone mosaic and terrazzo tiles.
- Walls, Showers, bath tub surrounds, countertops and floors.
- For residential and commercial use.
- For interior & exterior installations.

FEATURES & BENIFITS

- Excellent for wet & dry areas.
- Non-dusting, non-spalling and non-yellowing.
- Waterproof
- Non-shrinking
- Easy maintenance
- Dense
- Easy application and cleaning.
- Available in range of non-fading colors for interior & exterior applications.

TECHNICAL DATA:

Appearance	Powder
Packaging	1 & 10 Kgs.
Density	1.75 Kg./- Liter
Shelf Life	12 months
Store Conditions	Store in cool & dry place
Mixing Water	4-4.2 Liters/- 10 Kgs. Bag
Pot Life	1-2 Hours at 30 ⁰ C
Initial Set	5 Hours @ 30 ⁰ C
Final Set	6 Hours @ 30 ⁰ C
Foot Traffic	24 Hours
Application Temperature	+5 ⁰ to +40 ⁰ C
Flexural Strength	450-550 PSI
Linear Shrinkage 1 day	0.01-0.03 %
Linear Shrinkage 7 days	0.08-0.1 %
Linear Shrinkage 7 days	0.08-0.1 %

APPLICATIONS:

Surface Preparations:

Remove spacers and debris, dust and dirt in grout joints, using wet sponge. Do not leave water standing in the joints. Substrate temperature should be between +5⁰ to +40⁰ C

Mixing & Grouting:

Mix 10 Kg. bag in approximately 4-4.2 liters of fresh clean water. Place water in a clean mixing container and add grout powder slowly. Mix by hand or with a slow speed mixture to a smooth, stiff consistency. Allow to slake for 5-10 minutes and re-mix.

Spread the mixed grout with a sharp, firm rubber grout float. Work the grout paste into the joints until completely filled. Use diagonal strokes to pack the joints. Bridge the joint completely.

Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° and pull it at 45° angle diagonally across the joints and tile to pulling out the material. Remove remaining grout with a damp sponge (not wet) or a damp towel. Allow the joints to dry. When the grout joints are firm polish the surface with a coarse cloth and minimal water.

LIMITATIONS:

If any doubt arises concerning temperature or joint conditions, consult RADIANT Technical Team.

PACKAGING:

ConTile Grout is available in 1 Kg. & 10 Kgs. bags

HANDLING & STORAGE:

ConTile Grout has a shelf life of 12 months if kept in a dry cool place in the original packing.

HEALTH & SAFETY PRECAUTIONS:

Where temperatures is less than 5° C or greater than 40° C are encountered, contact our Technical Staff. ConTile Grout is of low hazard. Protective gloves, goggles and clothing should be worn. Any contact with eyes or skin should be washed off with soap and clean water. Where this occurs, seek medical advice before continuing use.

TECHNICAL SERVICES:

A trained RADIANT representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

Important Note:

RADIANT Construction Technologies manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.