



# SUREFIX<sup>®</sup> GT

Water Wipeable High Performance Epoxy Grout

## PRODUCT DESCRIPTION:

**SUREFIX<sup>®</sup> GT** is a two-part system, comprising of PART A, and PART B. For ease of application and the ability to fill tile / stone joints the grout is best mixed to a smooth, creamy consistency.

**SUREFIX<sup>®</sup> GT** is Hygienic, hard-wearing, impervious, epoxide resin-based grout with a high degree of resistance to chemical attack, abrasion and impact. The cured grout does not transfer taints to foodstuffs, does not permit the entry of bacteria or dirt and is easily maintained in a sterile condition.

## ADVANTAGES:

- ✓ Sterile floor and wall
- ✓ Durable joints
- ✓ Hygienic and chemical resistance
- ✓ Stain and bacterial resistance
- ✓ High early and ultimate strength.
- ✓ Non - shrink.
- ✓ Impermeable

## USES:

As a Mortar, **SUREFIX<sup>®</sup> GT** is suitable bonding mortar for interior application only. Use to set all ceramic, quarry, porcelain, granite, slate, precast terrazzo, dimension stone tiles, and moisture sensitive stone. Use over properly prepared concrete, structurally sound, exterior grade plywood (interior/dry use only), cementitious backer board.

As a grout, use to grout all ceramic, quarry, porcelain, granite, slate, and precast terrazzo, dimension stone tiles, in joints from 1/6" to 1/2" wide.

## TECHNICAL DETAILS:

<b>PACKAGING</b>	<b>1 KG, 5 KG, 10 KG</b>
<b>OPEN TIME</b>	1 Hour @ 25 °C
<b>FINAL SET</b>	24 hours, but depends on temperature & substrate
<b>COMPRESSIVE STRENGTH</b>	>45 N/mm <sup>2</sup>
<b>COVERAGE</b>	For 6"X6"X1/2", 5 kg per 100 ft <sup>2</sup> for 1/16" joint width, for more details refer to technical dept.
<b>APPLICATION TEMPERATURE</b>	10 °C to 40 °C
<b>NUMBER OF SHADES</b>	20
<b>STORAGE</b>	Store above 5 °C and Below 30 °C
<b>SHELF LIFE</b>	6 months in above conditions



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## APPLICATION METHOD:

### Surface Preparation

Ensure that the surface being grouted is clean, dry and firm. The surface should be free from dust, dirt, oil and grease or any other contaminants. Please ensure that the surface is strong enough to support the weight of the tile and grout.

### Mixing & Installation

**SUREFIX® GT** is made of two containers which hold pre-measured amounts of epoxy resin (Part A) and Epoxy Hardener (Part B). Pour the entire contents of Part B into Part A bucket and mix until there are no longer any streaks or lumps, using heavy – duty drill mixer or commercially available bucket mixer. Use a margin trowel or spatula to scrape the sides and the bottom of the bucket during the mixing process.

Apply a thin coat of the properly mixed grout with flat edge of trowel to achieve a good mechanical bond to the substrate. Comb additional mortar with the appropriate size notched trowel. Apply mortar to an area no greater than can be tiled in 20 to 30 minutes.

Clean-Up: Wipe out excess material from tile edge with moist sponge. Clean all tools with soap and water. Do not allow material to dry on the surface.

Safety: **SUREFIX® GT** is non-toxic and inflammable. Wear gloves and goggles for prolonged contact with the material and wash with water.

Notes: Performance of the products depends on strict adherence to "Multichem Guidelines". Company is not responsible for any deviation from such guidelines, which may lead to products failure.

The yield /coverage given above is for guidance only. The actual consumption at site should be ascertained by field trial.

## CHEMICAL RESISTANC CHART:

CHEMICALS	SUREFIX GT	CHEMICALS	SUREFIX GT
Acid Acid (5%)	**	Formic Acid	*
Acetone	*	Gasoline	***
Baking Soda	***	Ground Nut Oil	***
Beer	***	Heptane	***
Boric Acid	***	Polypropylene Glycol	***
Household Ammonia	**	Potassium Hydroxide	***



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Calcium Hydroxide	***	Proprietary Sterilising Agents	***
Hydrochloric Acid (dil)	**	Silicates	***
Kerosene	***	Sodium Carbonate	***
Lactic Acid (3%)	**	Sodium Chloride	***
Lime Juice	*	Sodium Hydroxide	**
Linseed Oil	***	Sodium Hypochlorite Soln.	
Lubricating Oils	***	(15% available chlorine)	***
Methanol	**	Soya Bean Oil	***
Milk	***	Sugars	***
Nitrates	***	Sulphates	***
Nitric Acid (10%)	*	Sulphuric Acid (45%)	*
Olive Oil	***	Sunflower Seed Oil	***
Oleic Acid	***	Tannic Acid	***
Palm Kernel Oil	***	Tetrahydronaphthalene	***
Palm Oil	***	1,1,1- Trichloroethane	***
Paraffin Wax	***	Vegetable Oils	***
Phenol	*	Water	***
Phosphoric Acid (10%)	**	White Spirit	***

- \* Splash contact only
- \*\* Contact for 24 hours only
- \*\*\* Prolonged contact

### WARRANTY

Multichem warrants SUREFIX<sup>®</sup> GT Special to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of SUREFIX<sup>®</sup> GT.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of SUREFIX<sup>®</sup> GT.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



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