



High Tech Grout Kit

High Tech Grout Kit is a 2-component cement based chemical resistant tile grout specifically designed for the purpose of resisting acid, bleach, and chemicals of mild to low acidic and alkaline nature. **High Tech Grout Kit** is specially designed for areas such as bathrooms, living Rooms, commercial and residential spaces where there is a problem of the discoloration of Tile grouts due to heavy use of chemicals for cleaning and dirt and grit due to walking. **High Tech Grout Kit** makes the grouted surface resistant to a variety of chemicals and makes it easy to clean.

ADVANTAGES

- ✓ Waterproof.
- ✓ Prevents mold and fungus growth.
- ✓ Excellent Adhesion.
- ✓ Does not stain tiles.
- ✓ Excellent UV Resistance.
- ✓ Available in many colors.
- ✓ Resistant to cracking.
- ✓ No Sealer Required after application.
- ✓ Anti-Bacterial.
- ✓ Non-Sag and Easy to apply.
- ✓ High Early Strength Without Shrinkage.
- ✓ Non-toxic.
- ✓ Excellent adhesion suitable for tiles, marbles, and granites etc.

TECHNICAL DATA

Component	Two: Part A: Liquid Polymer Part B: Powder
Mixed Form	Paste
Color	Various Colors available (Please refer to shade card)
Mixing Ratio	Polymer: Powder: Water = 0.5: 1: As needed
*Fresh Wet Density	1.85 KG / Ltr $\pm$ 0.05
*Open Time	30 Mins
*Tensile Strength	2.0 N / mm ² @ 28 Days
*Flexural Strength	3.5 N / mm ² @ 28 Days
*CompHigh Tech Grout	22 N / mm ² @ 28 Days
Kitve Strength	1 N / mm ² @ 28 Days

*Initial Tensile Strength

*Typical Values under laboratory conditions



📍 Susan Road, near P.i.A, Officer Colony 1, office, 38000
☎ 03007888881
🌐 <https://hightechchemicals.com/>



High Tech Grout Kit

SURFACE PREPARATION

Joints receiving grouts should be clean, free from standing water, grease, loosely adhering particles, etc. cement laitance should be removed by mechanical means. Slightly dampen the joint surface prior to grouting.

MIXING

The premeasured quantities of powder and polymer should be mixed, and water should be added to achieve a lump free homogenous mix. Do not rework stiff material by adding more water. Mix sufficient material to be used within 30 minutes.

APPLICATION

High Tech Grout Kit should be worked into the tile joints using a spatula. Ensure that the grout is well compacted. Excess material on the surface of the tile should be removed using a dry cloth before the material hardens. Grouting should be commenced only after the tile adhesive has attained sufficient strength.

CURING

For uniform curing of color grout, allow to air cure for 72 hours. Do not use water for curing.

PACKAGING

High Tech Grout Kitseal 2K is available in the following packaging:

1.5 KG Kit Part A 500ml Liquid polymer
Part B 1 KG Colored Powder.

NOTE:

If printed box not available, neutral box with label. Lot number and manufacturing date to be stamped at the box.



📍 Susan Road, near P.i.A, Officer Colony 1, office, 38000
☎ 03007888881
🌐 <https://hightechchemicals.com/>



High Tech Grout Kit



COVERAGE

Tile size (W X B) mm	Tile thickness mm	Joint Width mm	Grout Consumption KG / m2
200 X 200	6	5	0.700
400 X 500	6	5	0.315

Above figures are theoretical values only. Allowance for wastage should be considered.

SHELF LIFE

Expiration of **High Tech Grout Kit** is at 12 months after production date under dry and sheltered conditions.

HEALTH AND SAFETY

High Tech Grout Kit is regarded as non-hazardous for transportation. Do not reuse bags or containers dispose them off as per local rules and regulations. Gloves and suitable masks can be worn during application. please refer to the MSDS of the product for further health and safety information.



📍 Susan Road, near P.i.A, Officer Colony 1, office, 38000
☎ 03007888881
🌐 <https://hightechchemicals.com/>