

# Technical Data Sheet



## **Ressi TG Bath Seal 2K**

**Two component acid resistant  
Non Yellowing Tile Grout**

**Ressi TG Bath Seal 2K** is a 2 component cement based chemical resistant tile gout specifically designed for the purpose of resisting acid, bleach and chemicals of high acidic and alkaline nature. **Ressi TG Bath Seal 2K** 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. **Ressi TG Bath Seal 2K** 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.

**RESSICHEM** | ریسیکیم  
adding life and value to your property | مضبوطی اور پائیداری کے لئے

**RESSICHEM (Pvt.) LIMITED**

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[www.ressichem.com](http://www.ressichem.com)

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### Technical Data

Component	Two: Part A : Liquid Polymer Part B : Pigmented Powder
Form	Paste
Color	Various colors available
Mixing Ratio	Polymer : Powder : Water = 0.25 : 1 : As needed
*Fresh Wet Density	1.85 KG / Ltr $\pm$ 0.05
*Open Time	30 Mins
*Tensile Strength	2.0 N / mm <sup>2</sup> @ 28 Days
*Flexural Strength	3.5 N / mm <sup>2</sup> @28 Days
*Compressive Strength	22 N / mm <sup>2</sup> @ 28 Days
*Initial Tensile Adhesion Strength	> 1 N / mm <sup>2</sup> @ 28 Days

\*Typical values under laboratory conditions

### 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 together 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

**Ressi TG Bath Seal 2K** 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.



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### Curing

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

### Packaging

1.25 KG Set (1 KG Powder + 250ml Liquid Polymer)

### Coverage

Tile size (W X B) mm	Tile Thickness mm	Joint Width mm	Grout Consumption KG / m <sup>2</sup>
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 **Ressi TG Bath Seal 2K** is at 12 months after production date under dry and sheltered conditions.

### Health and safety

Ressi TG Bath Seal 2K 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.



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