

Technical Data Sheet



Ressi TG 2K Two component latex modified cementitious waterproof tile grout

Ressi TG 2K is a two component latex modified tile grout. It has increased water resistance, superior bonding characteristics, and available in various colors. **Ressi TG 2K** is suitable for use with wide variety of tiles and stones for joint up to width of 8mm. It can be used in kitchens, schools, food processing plants etc. Where chemical resistance is not a prime concern.

Advantages

- ✓ Impermeable
- ✓ Non sag and easy to apply
- ✓ High early strength without shrinkage
- ✓ Pre-weighted quality controlled materials ensure consistency
- ✓ Available in a variety of non-fading colors
- ✓ Excellent adhesion suitable for tiles, marbles, granites etc.
- ✓ UV Stable

Technical Properties

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 ² @ 28 Days
*Flexural Strength	3.5 N / mm ² @28 Days
*Compressive Strength	22 N / mm ² @ 28 Days
*Initial Tensile Adhesion Strength	> 1 N / mm ² @ 28 Days

*Typical values under laboratory conditions



RESSICHEM (Pvt.) LIMITED

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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 over 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 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 commence only after the tile adhesive has attained sufficient strength.

Curing

For uniformed 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 ²
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.



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Shelf Life

Expiration of **Ressi TG 2K** is at 12 months after production date under dry and sheltered conditions.

Health and Safety

Ressi TG 2K is regarded as non-hazardous for transportation. Do not reuse bags or containers and 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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