

Technical Data Sheet



Ressi TG CR High Gloss

Acid & chemical resistant high
strength epoxy tile grout

Ressi TG CR High Gloss is a 2 component epoxy based tile grout based on high grade Resins. It provides excellent chemical resistance, anti-fungal, anti-bacterial and dust proofing properties. **Ressi TG CR High Gloss** is suitable for the tile joint grouting in Industries where heavy acid use prevails, hospitals, kitchens, chemical spillage rooms, laboratories, swimming pools, etc.

Advantages

- ✓ Excellent resistance to bacterial and fungal growth
- ✓ Solvent free
- ✓ Shrinkage free and rapid hardening
- ✓ High mechanical strength
- ✓ Curing is not affected by high humidity
- ✓ Impact and vibration resistant
- ✓ Excellent adhesion
- ✓ Mild chemical resistance

Typical properties at 25°C

Component	Three: Part A Base Part B Hardener
Mixed Form	Paste
Color	Various Colors available: Refer To shade card
*Mixed Density	1.9 KG / ltr \pm 0.05
*Open Time	30 Mins
*Full Cure	7 Days
*Compressive Strength	75 N/mm ² @ 7 days (Tested as per BS EN 6319-2)
*Tensile Strength	15 N/mm ² @ 7 days (Tested as per BS EN 6319-7)
*Initial shear adhesion test	>2 N / mm ² @ 7 days (Tested as per BS EN 12003)
*Flexural Strength	30 N/mm ² @ 7 days (Tested as per BS EN 6319-3)
*Chemical Resistance	Resistant to various chemicals like mild acids, alkalis, grease, petrol, etc.

*Typical Results under laboratory conditions



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Surface Preparation

Joints to receive grout should be clean, dry and free from standing water, grease, loosely adhering particles etc. cement laitance should be removed by mechanical means.

Mixing

Mix part A with Part B using a slow speed drill machine fitted with a mixing paddle and continue to mix until a uniform consistency is achieved.

Application

Mixed **Ressi TG CR High gloss** should be worked into the tile joints using a spatula. It is recommended to use masking tape around the edges of the tiles to avoid any spillage. Excess grout material can be removed with the use of a cloth or sponge along with a suitable solvent. Removal of excess material should be carried out hardening of the applied grout.

Coverage

Tile size (W X B) mm	Tile Thickness mm	Joint Width mm	Grout Consumption ltr / m ²
200 X 200	6	5	*0.370
455 X 500	6	5	*0.170

*Figures are theoretical values only. Allowance for wastage should be considered

Shelf Life

Expiration of **Ressi TG CR High Gloss** is at 06 months after production date under dry and sheltered conditions.

Packaging

Ressi TG CR High Gloss is available in 1 KG sets

Part A : 800g Part B : 200g

Health and Safety

Ressi TG CR High Gloss 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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