

Technical Data Sheet



**Ressi ETG
DP Matt**
Dust proof epoxy tile grout

Ressi ETG DP Matt is a water based 3-component epoxy tile grout based on high grade Resins. Anti-fungal, anti-bacterial and dust proofing properties. **Ressi ETG DP Matt** is suitable for the tile joint grouting in Industries where dust proof easy to clean tile joints are required, hospitals, kitchens, chemical spillage rooms, laboratories, swimming pools, or any other area where a chemical resistant dust proof smooth finish tile grout is required. **Ressi ETG DP Matt** is suitable for all residential, industrial and commercial applications.

Advantages

- ✓ Smooth Final Surface
- ✓ Low Water absorption
- ✓ Easy to clean
- ✓ Ensures Hygiene
- ✓ Easy Workability
- ✓ Highly resistant to heavy traffic
- ✓ Shrinkage free; No Cracking
- ✓ Excellent resistance to bacterial and fungal growth
- ✓ Solvent free
- ✓ High mechanical strength
- ✓ Curing is not affected by high humidity
- ✓ Impact and vibration resistant
- ✓ Excellent adhesion and bonding

Typical properties at 25°C

Component	Three: Part A Base	Part B Hardener	Part C Filler
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		

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RESSICHEM (Pvt.) LIMITED

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*Compressive Strength	40 N / mm ² @ 7 Days (Tested as per BSEN 6319-2)
*Tensile Strength	7 N / mm ² @ 7 Days (Tested as per BSEN 6319)
*Initial Shear adhesion test	> 2 N / mm ² @ 7 Days (Tested as per BSEN 12003)
*Flexural Strength	15 N / mm ² @ 7 Days (Tested as per BSEN 6319-3)
*Chemical Resistant	Resistant to various chemicals like mild acids, alkalis, grease, petrol etc.

*Typical Results under laboratory conditions

Surface Preparation

Joints to receive grout should be clean, dry and free from standing water, grease, loosely adhering particles etc. If there are any residues of cement, or any other loose particles, they should be removed completely and the tile joint should be cleaned to a minimum of 2/3rd thickness of the tile. It is highly recommended

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. Once A and B are mixed properly, add part C onto the Mixed liquid slowly whilst continuing to mix with a slow speed mixer. Smaller batches can be made by hand but it is important to ensure that the consistency of the material is suitable for application. Water can also be added as per requirement to maintain the consistency of the material. Make sure the same amount of water is added to all the mixes of the material otherwise change in the quantities of water from batch to batch will result in differences in color. It is recommended to use the paste within 30 Mins of initial mixing of Part A and Part B. Avoid overheating of the mixture at rapid speeds to avoid overheating of the material. This may cause the Tile grout to set rapidly.

Application

Mixed **Ressi ETG DP Matt** should be worked into the tile joints using a spatula or appropriate tools. Excess grout material can be removed with the use of a cloth or wet sponge. Removal of excess material should be carried out before the hardening of the material. It is essential that once the finishing process has ended, there should be no traces of **Ressi ETG DP Matt** on the floors and walls.

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Coverage

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

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

Shelf Life

Expiration of **Ressi ETG DP Matt** is at 06 months after production date under dry and sheltered conditions.

Packaging

Ressi ETG DP Matt is available in 1.5 KG sets

Part A : 250 ml Part B : 250 ml Part C : 1KG

Health and Safety

Ressi ETG DP Matt 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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