Ressi ETA
Water Based Epoxy Tile Adhesive

RESSICHEM®
adding life and value to your property

Ressi ETA is a paste grade Three component water based epoxy tile adhesive / glue. It forms a complete impermeable adhesive layer resistant to many forms of mild chemical attacks. **Ressi ETA** is useful for speedy fixing of tiles where high bond strength, impermeability to water and resistance to aggressive chemicals is essential. This tile adhesive is ideal for spaces such as battery rooms, transformer rooms, generator rooms, wet areas, kitchen, bathrooms, swimming pools etc.

ADVANTAGES

- ✔ Impermeable.
- ✔ Non-Sag and easy to apply.
- ✔ Early development of initial hardness minimizes maintenance disruptions.
- ✔ Pre-weighed quality-controlled materials ensure consistency and reduce risk of site errors.
- ✔ Unaffected by a wide range of acids, alkalis and industrial chemicals.
- ✔ Excellent adhesion, suitable for a wide variety of tiles, granites, marbles etc.

TYPICAL PROPERTIES AT 25°C

Component	Three: Part A: Base (2.5 Parts) Part B: Hardener (2.5 Parts) Part C: Filler (20 Parts)
Mixed Form	Paste
Color	Grey
*Open Time	> 20 Mins (Tested as per BS EN 1346)
*Full Cure	7 Days
*Compressive Strength	75 N / mm^2 @ 7 Days (Tested as per BS EN 6319-2)
*Tensile Strength	20 N / mm^2 @ 7 Days (Tested as per BS EN 6319-7)
*Initial shear adhesion	> 2 N / mm^2 @ 7 Days (In house testing method)
*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**
These results comply with BS EN 12004 Type R Class 2 TE

SURFACE PREPARATION

All grease, oil, chemical, contamination, dust, laitance, and loose particles must be removed by scrubbing or light brush hammering to provide a sound substrate. Concrete must be 14 days old prior to treatment. Steel surfaces should be grit blasted to white metal. Surfaces which show any trace of oil must be degreased with a chemical degreaser prior to grit blasting.

MIXING

Stir part A and part B separately to disperse any settlement. Mix part A with part B using a slow speed drill machine fitted with paddle until a uniform consistency is achieved.

ریسیکیم®
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APPLICATION

Apply the mixed **Ressi ETA** with a notched trowel to a thickness of 2mm on the prepared surface. Tiles should be placed within the working time of the adhesive.

SHELF LIFE

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

PACKAGING

Ressi ETA is available as follows:

25 KG Set	Part A: Base	2.5 KG
	Part B: Hardener	2.5 KG
	Part C: Powder	20 KG

COVERAGE

5 SFT / Ltr @ 2mm Thickness

HEALTH AND SAFETY

Ressi ETA 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.

NOTE:

It is recommended to have a compatibility test between the substrate and the type of tile being used. **Ressi ETA** may not be suitable for all types of tiles and substrates. In areas of high vibration, usage of **Ressi ETA** is not recommended.

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PRINTED BAG



UNIVERSAL PACKAGING

NOTE:

If printed bags are not available, neutral bags with label. Lot number and manufacturing date to be stamped at the back of each bag.