

RESSI EPO CERAMIC PUTTY

Two-Component, Non-sagging Ceramic Repair
and Rebuilding Compound

RESSICHEM[®]
adding life and value to your property

RESSI EPO CERAMIC REPAIR PUTTY is a two-component, solvent-free, non-sag epoxy repair compound designed for repairing, rebuilding, filling, and restoring damaged or broken ceramic surfaces. When mixed, the base and hardener react to form a high-strength, durable compound. It is a versatile, high-performance epoxy putty that provides excellent adhesion to ceramic surfaces, good mechanical strength, and reliable resistance to moisture, chemicals, and everyday wear. It is suitable for general maintenance and repair applications involving ceramic fixtures, tiles, sanitary ware, and other ceramic surfaces.

FEATURES & BENEFITS

- ✓ Two-component, easy-to-mix and apply.
- ✓ Can be applied on vertical surfaces due to its non-sagging properties.
- ✓ Excellent adhesion to most rigid substrates.
- ✓ Can be drilled, tapped, machined, or sanded after curing.
- ✓ Resistant to oil, water, fuels, and many industrial chemicals.
- ✓ Ideal for repairing worn parts, cracks, holes, and surface defects.
- ✓ High compressive and tensile strength ensuring durable repairs.

RECOMMENDED USES

- ✓ General repair and maintenance of ceramic fixtures, tiles, and sanitary ware.
- ✓ Repairing chipped, cracked, broken, or damaged ceramic surfaces.
- ✓ Filling cracks, holes, gaps, chips, and surface irregularities in ceramic components.
- ✓ Rebuilding damaged edges, corners, and sections of ceramic fixtures.
- ✓ Suitable for repair of ceramic wash basins, toilet bowls, tiles, and other ceramic sanitary fixtures.
- ✓ Suitable for routine maintenance and repair applications in residential, commercial, and industrial facilities.

SURFACE PREPARATION

All surfaces must be clean, dry, and free from oil, grease, rust, scale, and contaminants. For best adhesion, the substrate should be roughened by mechanical abrasion to achieve a minimum surface profile of 75 microns. After surface preparation, clean thoroughly with a suitable solvent cleaner to remove all dust and residues before applying the compound.

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APPLICATION

Before use, thoroughly mix the Base and Hardener components in the ratio of 100:100 by weight until a uniform colour and smooth consistency are obtained. The mixed material should be applied immediately using a putty knife, spatula, or trowel. The working time of the 100gm mixed material is approximately 70-90 minutes at 25°C, depending on ambient temperature. Machining, drilling, or overcoating may be carried out once the compound has fully cured, typically after 24 hours at 25°C. Clean all tools and application equipment promptly after use with a suitable epoxy thinner or solvent before the material hardens.

SHELF LIFE

12 months from date of manufacture (sealed containers).

TECHNICAL PROPERTIES

Property	Typical Data
Type	Two-component (Base + Hardener)
Mixing Ratio (by weight)	100:100
Appearance A&B	White Part A, Greyish Part B
Density	1.55± 0.05 g/cm ³ (mixed)
Pot Life	80-120 minutes (300gm) @ 25°C
Touch Dry	5-6 hours @ 25°C
Full Cure	24 hours @ 25°C (faster with heat)
Compressive Strength	> 55 MPa
Flexural Strength	> 40 MPa
Temperature Resistance	Up to 80°C (dry service)
Solids	95% or above

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PACK SIZE

Ressi EPO Ceramic Putty is available in the following pack sizes:

1KG Part A 0.5 Kg
 Part B 0.5 Kg

10KG Part A 5 kg
 Part B 5 kg

HEALTH AND SAFETY

Ressi EPO Ceramic Putty contains epoxy resins and amine hardeners. Avoid contact with skin and eyes and do not inhale vapors. Always wear gloves, goggles, and suitable protective clothing during use. Ensure adequate ventilation in the working area. In case of contact, wash immediately with soap and water and seek medical attention if irritation occurs. Refer to the Material Safety Data Sheet (MSDS) for complete safety and handling information.