EPOXY PHENOL PUTTY
RTB-989 (A&B COMPONENTS)

Special two-component epoxy phenol putty with excellent adhesion and excellent sealing properties.

USES AND SUITABALE PRIMERS

Recommended Uses	Knifing putty for steel structures, maintenance operations, metal surfaces, and epoxy phenol coating systems for concrete surfaces.
Suitable Primers	Concrete Surfaces: RTB-750 (Two-Component Epoxy Sealer)

CHEMICAL COMPOSITION

Type of Binder	Phenol-Modified Epoxy – Polyamide	Solid Content After Mixing	95 ± 1% By Weight
Number of Component(s)	2 Components		88 ± 1% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Matt
Colour	Grey (Component A (Epoxy): White | Component B (Hardener): Black)
Specific Gravity after Mixing	2.00 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Concrete surfaces must be dried and cleaned and treated with an epoxy sealer Steel surfaces must be mechanically cleaned and treated with a suitable epoxy primer.
Mixing Ratio	Component A: 100 Parts by weight Component B: 30 Parts by weight
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 10 minutes. Do not thin down each component separately.
Pot Life	2 Hours at 25°C
Method of Application	Special Spreading Knife

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (mm)	Depends on Surface Conditions	---	3.5
Dry Film Thickness (mm)	Depends on Surface Conditions	---	3.0

Drying Time@25°C

Surface Drying Time	Sanding Time	Fully Cured	Recoating Interval
20 – 30 Minutes	8 – 12 Hours	10 – 14 Days	Min. 16 Hours Max. Not Limited

**Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*

Application Limits

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +40°C
Substrate Temperature*	Min. +5°C	Max. +45°C

Recommendations

**Please note that the substrate temperature should be at least 5°C above the dew point.*
Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-849.

PACKING, STORAGE AND SAFETY

Packing	Component A (Epoxy): 4 L | Component B (Hardener): 1 L
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 6 months after delivery in original sealed containers and proper storage conditions with temperature of 25°C.
Safety	This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and equipments,direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.