

BC Poxy Fix

Product Description:-

BC Poxy fix is a two-component, solvent-free epoxy designed as moisture insensitive adhesive and binder for road markings cat's eyes and studding, metal speed rail track repairing, metal and plastic of rail transportation, composite materials, and other application needs. It rapidly cures to a rigid, tough material having excellent characteristics suitable for road- ways application.

Features & Benefits:

Excellent adhesive for road markings.
Good bonding for concrete asphalt, steel, ceramic, and wood material.
May be extended with sand or aggregate for thick application
Fast cured

Typical properties:

Appearance	Part A: White Part B: Black
Mixing Ratio by weight	1:1
Mixing Density	1.73±0.02
Viscosity of Mixture	Thixotropic paste
Pot life	Approx. 40 mins
Gel Time, ASTM C 881	10 minutes
Full Cure	7 days
Shore D Hardness, ASTM D 2240	70±5



Surface preparation:

New concrete must be a minimum of 28 days old and possess an open porous and textured surface with all curing compounds and sealers removed.

Old concrete must be clean and well textured.

All oil, dirt, debris, paint, and unsound concrete must be removed.

The surface should be prepared mechanically using a scabbier, bush hammer, shotblast, scarifier or similar equipment, which will give a surface profile, prior to application.

The final step is cleaning, all substrates should be thoroughly clean and remove all residues using vacuum cleaner or pressure water

Mixing:

Thorough and complete mixing is essential.

Pour all of part B (Black) into all of part A (White) and mix with a heavy-duty drill with jiffy mixer for three to five minutes.

When mixing, the paddle should contact the inside surfaces of the can. Use circular up and down motions to achieve a uniform grey color with no streaks.

Application:

Apply material using Putty knife, trowel, or similar tools in a uniform level. Do not allow the material to puddle. Extremely porous surfaces may require a second coat for proper ultimate performance. It can be extended with sand or aggregates for thick application.

Storage:

BC Poxy Fix has Shelf life of 2 year from the date of production in original unopened package under proper storage condition

Clean-up:

Clean tools and equipment with BC Tec solvent, xylene or any other aromatic solvent before the material hardens. Hardened material can only be removed mechanically.



Safety & Health:

Bring materials as close to 21° C. Store in room temperature environment 24 hours prior to use.

Do not heat with open flames.

Do not apply over freestanding water.

Do not apply over hardened primer or old epoxy without proper surface preparation.

Epoxy components may cause irritation. Avoid contact with eyes/skin by wearing gloves and safety goggles. If contact with eyes/ skin has occurred, then wash with plenty of water and seek medical advice immediately.

Packaging:

Available in 2kg kits and 40 kg kits

Colour:

Available in Grey.

