

BC-GROUT 111

DESCRIPTION:

BC-GROUT 111 is a solvent-free epoxy resin compound specially formulated for the repair of faulty concrete, curing taken place even at low temperature and high humidity. The cured resin exhibit several outstanding properties, such as high mechanical strength, excellent adhesion to a wide range of substrates, outstanding resistance against water and chemicals, negligible shrinkage, etc.

PRODUCT FEATURE:

Repair concrete honey comb- heavy duty and chemical resistant flooring – anchorage reinforcing steel bar into concrete and rocks- grouting of machine and rail – concrete crack by V-cut Method – Heavy Duty anti corrosive coating.



SUGGESTED:

- For bonding or concrete crack repairing by V-cut method
- For grouting or anchoring
- For concrete repairing of flooring

PROPERTIES BEFORE CURING:

	PART A	PART B	PART A +B
Colour	Grey	Amber	Grey
Viscosity	45000cps - 50000cps	15000cps - 20000cps	25000cps – 30000cps
Density	1.22g/ml ±0.05	1.75g/ml ±0.05	1.46g/ml±0.05

PROPERTIES AFTER CURING:

	PART A	PART B
	2.5kg	2.5kg
Colour	GREY	
Compressive Strength	>80N/mm ²	
Bonding Strength	Concrete Rupture	
Chemical Properties	Odorless, tasteless, non-toxic and excellent resistance against water, acid and alkali, good resistance against alcohol	

Some Hints to ensure Optimum Properties:

Correct mixing ratio & through mixing are the two basic factor to ensure proper chemical crosslinking. Substrates to be applies must be dry sound and grease free. The degree of densifying of the mortar has a definite influence on end properties