LYPOX CR
EPOXY PATCHING COMPOUND

LYPOX CR 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 exhibits 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.

Recommended Applications:

- 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 repairing by V-cut method. Heavy duty anticorrosive coating.

Properties Before Curing:

	Part A	Part B	Part A+ Part B
Color	Grey	Black	Grey
Viscosity	4000 cps	4500 cps	4300 cps
Density	I .5g/cc	l.lg/cc	1.4g/cc

Application Data

Mixing Ratio	LYPOX CR	Part A	150 portions.
	LYPOX CR	Part B	50 portions
	Grand Sand	Part C	0-800 portions (depend on application)

l) For bonding or concrete crack repairing by v-cut method.

LYPOX CR	Part A	150 portions
LYPOX CR	Part B	50 portions
Grand Sand	Part C	0 portions

http://www.loyalenterprise.com

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2) For grouting or anchoring.

LYPOX CR	Part A	150 portions
LYPOX CR	Part B	50 portions
Grand Sand	Part C	400 portions

3) For concrete repairing or flooring.

LYPOX CR	Part A	150 portions
LYPOX CR	Part B	50 portions
Grand Sand	Part C	800 portions

Properties After Curing:

- Density — 2gm/cc
- Color — Grey (tends to turn greenish after exposure to sun light).
- Compressive Strength — > 80N/mm ^{2}
- Bonding Strength — Concrete Rupture.
- Chemical Properties — The cured mortar is odorless, tasteless, non-toxic and excellent resistance against water, acid and alkali, good resistance against alcohol, poor against ketone:

Some Hints to Ensure Optimum Properties:

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

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The technical information and application advice given in this publication is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to the suitability of a product for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by commonwealth or State legislation the owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

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