

ALGIBOND EPX 202

SOLVENT FREE MOISTURE INSENSITIVE BONDING
AGENT FOR CONCRETE & MORTAR

DESCRIPTION

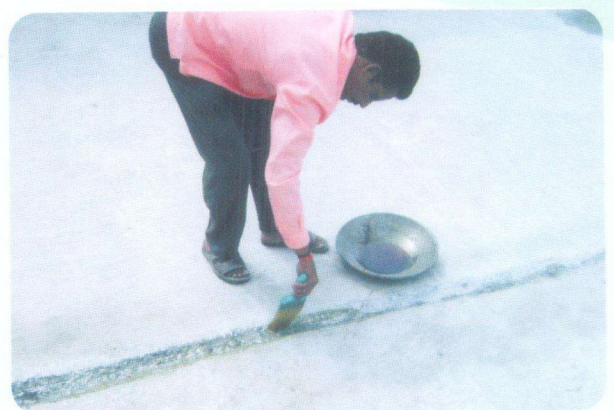
ALGIBOND EPX 202 is a solvent free two component bonding agent based on epoxy resin for bonding concrete joints. It can be applied on moist as well as dry concrete. It can be applied on sound substrate to develop very high bonding strength between old and new concrete.

USES:

For construction joints in extension of RCC slabs.
In water proofing repair jobs.

ADVANTAGES:

- Doesn't contain filler and solvent, hence gives very good results and is suitable for very critical applications
- Thixotropic. Hence will not sag on vertical applications
- Has extremely high bonding strength. Bonding Strength does not depend on curing.
- Good waterproofing quality.
- Potlife of 3 to 4 Hours.



METHOD OF APPLICATION:

SURFACE PREPARATION: The concrete surface should be free of loose particles, dust, oil, grease or any chemical deposits. Concrete surface should be cleaned with wire brush followed by washing with water allowing it to dry.

PROPERTIES:

Mixing Ratio	: 1:0.6 by volume or weight of Resin : Hardner
Thixotropic	: Excellent
Pot life	: 4-5 Hrs.
Tack Free Time	: 24 Hrs.
Application on	: Can be applied on moist concrete but not on standing water
Compressive strength	: 850 kg/Cms Strength Water
Water Absorption (24 Hrs)	: Nil
Ultimate elongation	: 9%
Bonding Strength	: 15-18 kg/cm ² on concrete (concrete failure)

COATING:

Mix ALGIBOND EPX 202 resin & hardner. Let it stand for 5 to 10 minutes. The mixed material has 3-4 Hrs of pot life. Apply the bond coat using a brush. Immediately pour concrete & mortar over it & compact.

Email: contact@algitechchemicals.net

www.algitechchemicals.in

ALGIBOND EPX 202

COVERAGE

In case of joints 25-30 running ft/kg depending on the surface

PACKING

ALGIBOND EPX 202 is available in 500 gram and 1 Kg packing.

HEALTH & SAFETY:

Care should be taken to avoid excessive contact of ALGIBOND EPX 202 with the skin. Exposure of ALGIBOND EPX 202 to sunlight during storage & after application should be minimized.

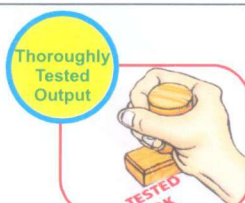
Sl. No.	Test Conducted	Test Method	Results
1	Compressive Strength(N/mm ²)		
	At one day		63.2
	At 3 day	ASTM D 695	71.3
	At 7 day		85.2
2	Tensile Strength(N/mm ²)	ASTM D 638	8.9
3	Pot Lift(hour)	ASTM C 881	—
4	Slant shear strength(N/mm ²)	Bs 6319 (Part 4)	9.8
5	Water absorption(%)	ASTM D 574	0
6	Bond strength(N/mm ²) (Pull out adhesion)	ASTM D 4541	4.6



High
Quality
input



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&
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ALGITECH CHEMICALS

12/1A, Varambally, NH-17, Brahmavar - 576 213 Udupi Dist.

Tel : (0820) 2560385, 2561483

Mobile: 98452 42085, 9880779350, Fax: (0820) 2560285

Email : contact@algitechchemicals.net

NOTE: The Product should be used in accordance with the manufacturer's instructions. The manufacturer will not be held liable for the performance of the product if the same is not used as per the regulations and limitations specified by the manufacturer and also in conditions where the conditions of use are beyond the control of the manufacturer.