

# VCOBOND EPBL-5920



# VCOBOND

CONSTRUCTION CHEMICALS

## DESCRIPTION: -

VCOBOND EPBL-5920 Epoxy Adhesive is a high strength, shrinkage, compensated, fiber reinforced thixotropic high quality structural adhesive filler, based on epoxide resins,

## PHYSICAL PROPERTIES: -

TYPICAL PROPERTIES	VCOBOND EPF - 5910
COLOR	Part A-colorless , Part B - Redish Brown
SOLIDS	95 %
PACKING	Part A - 1 kg Part B - 0.5 Kg Part C - 3.5 Kg
MIXING	2:1:7
POT LIFE	60 MIN.
INITIAL SETTING	3 HRS.
HARD SET	36 HRS
GEL TIME	65-80 MIN.

## MECHANICAL PROPERTIES: -

MECHANICAL PROPERTIES	VCOBOND EPF - 5910
TENSILE STRENGTH	Min 25 Mpa
FLEXURAL STRENGTH	Min 27.1 Mpa
COMPRESSIVE STRENGTH	Min 58.8 Mpa
SPECIFIC GRAVITY @25 C	Part A - 1.59 Part B - 1.61
WATER ABSORPTION	0.001%
VISCOSITY	Part 1 - 8000-13000 cP Part 2 - 300 - 350 cP

## APPLICATION AREAS: -

This product is high performance epoxy compound, which can be used for Epoxy adhesive for carbon laminates, Fixing of bolts, joints of stone to stone, stone to concrete.

## SURFACE PREPARATION:-

Mechanically clean the surface to remove all loose particle, dirt, oil, grease etc. Vacuum clean to remove all loose material. Apply single coat of VCOBOND EPB-5110 concrete primer. Surface pretreated with VCOBOND EPF-5910.

## DIRECTION FOR USE:-

- Mix VCOBOND EPF-5910 Part A in to Part B mixing ratio 2:1 by weight Stir thoroughly.
- Then add 7 parts of Part C by weight Stir thoroughly.
- Apply this putty by Trowel.
- It should be applied between 10°C and 30°C.
- Paste surface over wet VCOBOND EPBL-5920
- Avoid applying to very hot substrates such as dark surfaces in direct sunlight.
- Do not apply if rainfall is imminent or if humidity is very high.

## CLEAN UP:-

Remove as much product from application equipment as possible before washing with solvent. Do not empty into drains or watercourses

## PACKING SIZE:-

VCOBOND EPBL- 5920 PART A - 1lit  
VCOBOND EPBL- 5920 PART B - 0.5lit  
VCOBOND EPBL- 5920 PART C - 7 kgs.

## COVERAGE:-

Covers approximately 1-1.5 square meters per 5kg pack depending on type of application and porosity of the surface to be treated.

## STORAGE & SHELF LIFE:-

6 months if sealed packing and if stored in cool dry place in shaded area.

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**PRECAUTION: -**

While working with VCOBOND materials safety goggles, gloves and safety cloths should be worn at all times. Also observe container labels and instructions in VCOBOND catalog. In case one of component comes in contact with skin wash thoroughly with soap and water adequate ventilation in volume and pattern should be provided in working area. Further precaution emergency showers and eye wash stations.

**LEGAL NOTES:-**

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