

# ChemBonding Agent

## Structural Bonding Agent for Bonding Old and New Concrete

**Description:** - ChemBonding Agent ChemBonding Agent is a two component solvent free epoxy bonding agent composed of liquid epoxy resin and hardener. It is used for bonding of structural concrete new to old concrete and bonding agent for bricks and steel components because it gives excellent bonding properties to freshly mixed concrete/mortars, glazed bricks, tiles, etc.

### **Charachtracis Parameters:-**

It conforms to specification prescribed in: ASTM 881-87, Type II, Grade 2 Class B and C.

### **Advantage/Features**

- ❖ Non-toxic.
- ❖ High durable bond.
- ❖ Can be applied on moist surface also.
- ❖ Can be applied easily by brush for bonding old to new concrete, mortar.
- ❖ Excellent adhesion to most building materials.
- ❖ Suitable open time to complete the work easily.
- ❖ Minimum shrinkage as compared to polymer modified cementitious bonding agents
- ❖ Excellent water resistance and sealing property.
- ❖ Provides strong bond between new concrete to old concrete.

### **Application:-**

- ❖ For bonding old to new concrete, mortar.
- ❖ To extend or repair structural concrete.
- ❖ It is used to bond freshly mixed concrete or mortar, glazed bricks, tiles, steel or other structural material.
- ❖ Remove laitance, dirt and dust by wire brushing, scrapping, air jet, cabling or grit blasting.
- ❖ Old concrete should be 28 day's old.

**Packing:** - 600 gm and 1.2 kg.

**Shelf-Life and Storage Condition:** - Shelf life is 12 months if store in a dry and cool place with unopened sealed Container.