

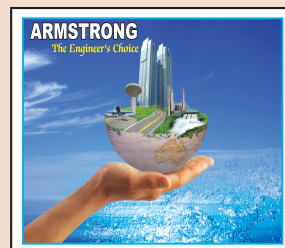
ARMSTRONG CHEMICALS PVT. LTD.,  
Bengaluru  
An ISO 9001 : 2008 Certified Company



High Performance Multi Purpose Concrete Bonding Agent  
for Roads, industrial flooring etc.,

### DESCRIPTION OF THE PRODUCT :

Excellent High bonding and load bearing strength between the old surface to new mortar / concrete, structural rehabilitation works, abrasion resistant flooring. Ideal to use as bonding agent for road concrete repairs / Pavements / Industrial floor bonding. Mix with 1:1 ratio of cement and apply on the old concrete and on wet condition lay the fresh concrete. And also using as gauging liquid for cementitious systems. It is resistant to hydrolysis and can therefore be used for external applications too for repairs of large cracks, damaged and spalled concrete



### ADVANTAGES :

- Excellent adhesive strength.
- It exceeds the tensile strength of concrete
- Applicable on dry and damp surfaces.
- High mechanical strength.
- Ready to mix and use at site.
- Give sufficient pot life.
- Ideal for extension and repair to structural concrete.

### TYPICAL APPLICATIONS :

- For Excellent bonding old to new concrete.
- For vertical and horizontal surface where mortar and concrete can be supported by form work for jacketing.
- For critical repair and extensions of structural concrete in Roads, in factories-loading bays, bridges, concrete structures etc., as a bond coat.

### DIRECTIONS :

- Prepare surfaces thoroughly. Toe-in at edges wherever possible to avoid feather edging.
- All surfaces including edges must be applied with brush.
- All applications should be wet on wet, the bondcoat must not be allowed to dry.

**NOTE :** Wherever heavy traffic / loads are taking place advised to apply epoxy bonding agent Roofbond EP



## TECHNICAL PROPERTIES

- Specific gravity 1.03 to 1.04 g/cc

The following results were obtained after tests has been conducted.

Sl.No.	DETAILS	CONTROL	ALSTRONG CB 253
1	Nature of Product	-	Single component
2	Mixing Ratio	-	Alstrong CB 253 : Cement - 1:1 ratio
3	Pot life	-	45 minutes to 1 Hr.
4	Compressive Strength	22 N/mm <sup>2</sup>	24.5 N/mm <sup>2</sup>
5	Flexural Strength	5.0 N/mm <sup>2</sup>	7.0 N/mm <sup>2</sup>
6	Tensile Strength	2.5 N/mm <sup>2</sup>	4.0 N/mm <sup>2</sup>

## DIRECTIONS :

Remove any loose particles and clean the surface Take one part of ALSTRONG CB 253 & Add Same Quantity of Cement, mix the same properly and apply the same on the old concrete / mortar areas by brush. On wet condition of the bonding agent applied, lay the fresh concrete / mortar immediately.

**COVERAGE :** 1 Ltr / 40 SFT / Coat

**PACKING :** 1, 5, 20 & 210 Ltrs.

**SHELF LIFE :** 2 Yrs. from the date of manufacturing.

**ARMSTRONG** products are tested, approved and extensively used in the works of CPWD., State PWDs', Irrigation, Housing Boards, Thermal / Hydel Power Projects, Steel Projects, Road Projects, Water works Projects, MES, Railways & Scores of important projects Internationally.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



**Manufacturers :**

**ARMSTRONG CHEMICALS PVT. LTD.**

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**TRUSTED AND ACCLAIMED FOR ITS**  
**MULTIPLE ACTION PERFORMANCE**



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