



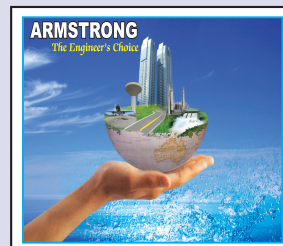
ARMSTRONG CHEMICALS PVT. LTD.,
Bengaluru
An ISO 9001 : 2008 Certified Company



High early strength, curing minimizing, concrete polymer plasticizer for roads, pavements, runways, industrial floorings.
(Complies with BS 5075 Part –III ASTM-C 494 Type – G)

DESCRIPTION OF THE PRODUCT :

High performance, high early strength of concrete with improved hardness, reduces line friction. Necessity of the curing period will be reduced. Improves workability and flow ability of concrete without increase in water. Blended with Acrylic will protect reinforcement against corrosion and increase compact strength. Recommended to use in all concrete works require better workability with high early strength. Excellent acrylic admixture for repair, rehabilitation works etc., highly suitable for Runways, Bridges, concrete roads, pavements, industrial floorings etc., to achieve required compressive strength of concrete, and heavy load bearing. As a bonding agent ROOFBOND EP ALSTRONG CB 253 can be used on the old concrete wherever fresh extra concrete is taking place, after application of bond coat on wet condition, fresh concrete has to take place.

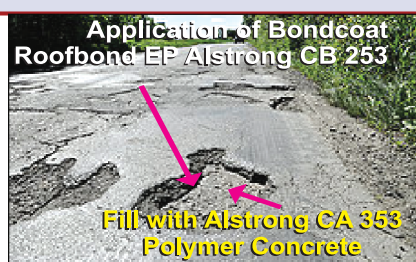
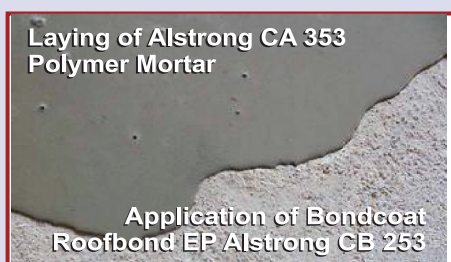


ADVANTAGES :

- Increases early and ultimate compressive strength.
- Retains the workability of concrete
- Reduces segregation in the concrete
- Non-foaming and non-toxic.
- Does not contain chlorides and anticorrosive.
- Controls the concrete / mortar setting rate.
- Improves workability and retention (upto 3 hrs)
- Reduces segregation and bleeding
- Can be used even for micro silica, fly ash and slag cement concrete.
- Reduces shrinkage and permeability of hardened concrete / mortar.
- Increases strength of the concrete and mortar.
- It eliminates formation of cold joints between subsequent pours in mass of structural concrete.
- Ideal for the rapid repair of Internal and External concrete.

TYPICAL CHARACTERISTICS

1	Nature of Product	Polymer based Hi-power plasticizer
2	Consistency	liquid form
3	At Dosage of	2 Ltrs. per 50 Kgs. Cement
4	Compressive Strength as per ASTM - 109 – 73	11.5 N / mm ² / day 40 N / mm ² @ 28 days aging
5	Tensile Strength	5.2 N / mm ² @ 28 days aging
6	Flexural Strength	8 N / mm ² @ 28 days aging
7	Setting Time	Initial : 1 Hr. Final : 2½ Hrs



TYPICAL APPLICATIONS :

- Widely used in ready mix for repairs and rehabilitation works.
- Particularly recommended by concreting in hot climates, long or difficult pours, prestressed concrete in large sections or mass concreting.
- Closely spaced areas, large bay areas, floor slabs, roof decks and other structures.
- High workability requirements.
- It is used in concrete of all classes.
- It is used more, specifically in
 - Highway concrete
 - Pavement concrete
 - Structural concrete
 - Bridge Decks etc.

DOSAGE :

Min. 1 Ltr Per Bag of 50 Kgs. Cement and can be increased upto 5 Ltrs Per Bag of 50 Kgs Cement as per site requirement.

RECOMMENDED :

5 Ltrs Per Bag of 50 Kgs Cement wherever to get the early compressive strength within 24 Hrs. 2 Ltrs Per Bag of 50 Kgs Cement for 48 Hrs and to achieve high compressive strength.

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 :

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MULTIPLE ACTION PERFORMANCE



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