



MCON RASAYAN PVT. LTD.

Trusted Partners In Construction Chemicals



MCON BOND APL

Acrylic Polymer Bonding Agent

Product Description :-

MCON BOND APL is an acrylic polymer based bonding agent from selected synthetic copolymers to meet various application needs. It provides a strong bonding coat to protect and repair RCC and steel structures.





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Areas of Application :-

- ✓ For concrete repairs - Spalled concrete of floors, columns, beams, chajja, slabs, parapets, etc.
- ✓ For waterproofing – Small roof terraces, sunken portions of toilets & bathrooms, chajja & lift pits, balconies
- ✓ As a bond coat – For bonding of new concrete to old concrete, masonry stone work, plastering fixing of slip bricks, tiles, stones & marble bedding.
- ✓ For plastering on RCC Surface without hacking as a hacking aid.
- ✓ As external rendering – Weatherproof & frost resistant render.
- ✓ As bonding slurry coat for pinhole treatment on concrete surface.

Features & Benefits :-

- ✓ Excellent adhesion to most building substrates.
- ✓ Improves flexural, tensile, and thin section fragility of cementitious systems.
- ✓ Allows breathing, thus preventing peeling and scaling.
- ✓ Gives a tough, hardwearing surface with effective waterproofing.
- ✓ Reduces chloride salt penetration in marine environment.
- ✓ Improves bond strength with steel.
- ✓ Resists water pressures up to 5 bars.
- ✓ Self-curing.
- ✓ Is non-toxic and thus can be used for coating structures storing potable water.



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Method of Application :-

Surface preparation is vital for effective adhesion and bonding of BOND APL.

To start with, free the surface from laitance, loose dust particles, oil, grease and other dirt.

Then: Weigh out 1 kg of BOND APL in a plastic container of 2 litre capacity.

Weigh out 1 kg of ordinary Portland cement from a bag of fresh cement.

Add the cement gradually to BOND APL with constant stirring.

Ensure there is no formation of lumps.

Stir constantly until all the cement has been added to BOND APL and slurry of uniform consistency is achieved.

Apply this slurry on the substrate using a soft 4 - inch wide paint brush.

Apply the slurry in one direction only.





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Technical Specification :-

| | |
|---------------------------|------------------------|
| Colour : | Milky white |
| Form : | Liquid emulsion |
| Application Temp : | < 500C |
| Service Temp : | - 40 to + 900 |
| Pot Life : | 30 minutes |
| Sp Gravity : | 1.02 ± .01 |
| Ph : | 7 - 9 |





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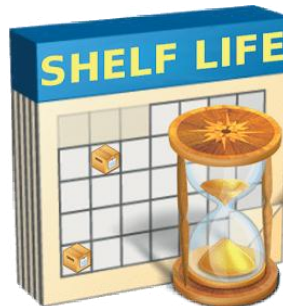
Coverage :-

1 kg BOND APL covers 80-85 sq.ft in single coat.



Shelf & Storage :-

Store away from direct sunlight. 12 months from date of manufacture.



Health & Safety :-

MCON BOND APL is non-toxic, non-flammable and non-hazardous. However, any splashes on any part of the human body must be washed with plenty of water.



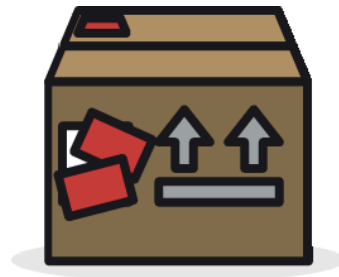


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Packing :-

1 kg, 5 kgs, 20 kgs, 200 kgs.



**(Mcon Rasayan has maintained the highest level of Quality and Consistency by following Systems is certified as an ISO 9001 : 2015, ISO 14001:2015 & ISO 18001:2015 Company.)*

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