

PRODUCT DESCRIPTION

BONDCOAT® AC is based on advanced polymer chemistry with an advanced co-polymer dispersion which, when applied to the substrate produces excellent bonding interface. It also seals porous and absorbent substrates.

The enhanced properties ensure high adhesion, low shrinkage, excellent resistance to freeze - thaw attack and high flexural and compressive strengths of interface.

USES

-) Bonding of Concrete or screed to concrete, plaster, screed/overlay, **FloorScreed® PL, LevelTop®, FloorTop®**
-) Primer coat for cementitious surface
-) Primer coat for cementitious waterproofing coatings, such as **Multiguard® A-series, Leakshield™**
-) Primer coat for water based coatings, such as **Superflex®** series, **Rainshield®, Roofshield®**
-) Primer coat for Repair of concrete surface.

APPLICATION DATA

Surface Preparation

Mechanically remove all damaged concrete back to a sound core. For repair of RCC structure, whenever possible, the full circumference of the steel reinforcement should be exposed to at least 25mm behind the bars and 50mm beyond the point at which corrosion is visible. On cutting back, feather edges must be avoided. The perimeter of the repair area should be stepped to a depth of 10 mm by means of saw or disc cutting or preferably using a power chisel.

The areas to be treated with **BONDCOAT® AC** must be free from all unsound materials i.e. dust, oil, grease, corrosions by-products and organic growth. Shot/grit blasting, power grinding or water jetting is recommended. Proper concrete surface profile should be created. The prepared substrate should be thoroughly soaked with clean water until uniformly saturated without any standing water.



BONDCOAT® AC

Single Component Primer & Bonding Agent For Plaster, Concrete,
And Screed

Mixing

BONDCOAT® AC may diluted with clean water upto 30% (for 1kg material add 300 gm water). For high bonding use material without dilution. Do not add cement into the material. Use **Mixcrete** if cement addition is desired.

Priming / Bonding

Apply single coat of **BONDCOAT® AC** by spray, roller, paint brush or metal trowel (for floor only).

Plaster Work: When the surface is slightly wet, give a chat (dash-coat) of cement mortar (when the surface becomes tacky). Place the top coat or plaster the surface or place the screed as per requirement once surface is touch dry. **PLASTERBOND®** is especially suited material for Plaster work.

Top Screed: When **BONDCOAT® AC** is touch dry (but not fully dried) the subsequent rendering, screeds, PCC, etc. should be applied on wet basis.

Construction Joints: When **BONDCOAT® AC** is touch dry (but not fully dried), cast the concrete over primed surface. If casting of concrete is expected to be delayed beyond the time of **BONDCOAT® AC** being fully dry, sprinkle fine sand on coated surface while coating is wet to create mechanical bond.

CURING

Normal concreting procedures should be strictly adhered to. It is important that the surface of the mortar, screed or coating is protected from strong sunlight and drying winds with polythene sheets, damp hessian or similar.

CLEANING

All tools should be cleaned with water immediately after use.

SHELF LIFE

6 months in frost free conditions with unopened containers at 25-28 °C.

PACKING AND COVERAGE

Pack size: 5, 20, 50, and 100 Kg
Coverage: 100 ft²/kg



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BONDCOAT AC/2007/R2-2020



DATASHEET

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Single Component Primer & Bonding Agent For Plaster, Concrete,
And Screed

WARRANTY

Multichem warrants BOND[®]COAT[®] AC to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the addition of BOND[®]COAT[®] AC.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of BOND[®]COAT[®] AC.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



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