Lemtec®
The Trusted Brand in CONSTRUCTION CHEMICALS

ISO 9001 BUREAU VERITAS Certification

SUPERBOND

MULTIPURPOSE BONDING AGENT FOR PLASTERING AND SCREEDS

DESCRIPTION:

SUPERBOND is a Polyvinyl Acetate (PVA) based bonding agent used to improve adhesion, strength and wear resistance of plasters, mortars and concrete toppings. It is non-toxic and non-flammable.

RECOMMENDED USES:

- As an admixture for mortars concrete etc.,
- As a curing and sealing agent for concrete.

ADVANTAGES:

- Increases the bond strength of normal Portland cement mortars.
- Reduces cracking through increased mortar flexibility.
- Increases wear resistance of the floor leveling against high frequency traffic.
- Increases compressive strength of the mortar / concrete.
- Versatile - Applications relevant to most building trades.
- Reduces hacking and keying, and will provide an adhesive or key to receive plaster or render coats of Gypsum.
- Lightweight gypsum or anhydrous plasters, plastering onto tiles.
- Chemical and wear resistant.
- Non-flammable / non-toxic.

SURFACE PREPARATION:

Surface shall be cleaned and scrubbed with water using stiff-bristled nylon brush to remove laitance, dust, dirt, grease, wax and concrete sealers. Surface should be damp with no excess, freestanding water.

Mixing: Water may be added to the **SUPERBOND** depending on the application requirement. The mix ratio between **SUPERBOND** liquid and water for different applications is given in the table below. **SUPERBOND** liquid & water mixture or **SUPERBOND** liquid is directly added to a previously prepared mixture of cement/ sand or cement / sand / gravel mixture and mixed either by hand or conventional mixer of the rotating drum type. Keep mortar or concrete as stiff as possible for the intended use. Over mixing should be avoided as, it may entrap air. Total mixing time for a four (4) cubic feet batch should not exceed five (5) minutes from the time liquid is added to the solid material.

Application: Prime the prepared surface by applying thin cement slurry mix with **SUPERBOND** using a stiff nylon bristled brush. Apply mortar or concrete and level immediately. Do not hard trowel or over finish. Use a float or light broom for a final finish.

Curing Agent: SUPERBOND can be used as a curing agent for concrete surfaces. For the best cure of freshly placed concrete, apply **SUPERBOND** as soon as possible after finishing operations and/or immediately after the disappearance of the “sheen” of surface moisture. Apply the **SUPERBOND** at a uniform coverage by spray or roller application.

Sealing Agent: When sealing old concrete, the surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil using strong soap or caustics rather than acids. Badly worn or porous areas may need a second applications to attain a uniform seal and surface gloss.

CLEANING:

Brush and tools should be cleaned with water immediately after use.

PACKING:

20-liter pails and 210-liter drums.

CMCI

“High Quality Construction Chemicals”

CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES
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	Instruction for use		Recommended dilution rate: SUPERBOND: Clean water
For ceilings and walls	Resurfacing	Repair of plasters & mortar	No dilution
	Mortar	Renovation of surfaces	1 : 2
	Plasters	New surfaces	1 : 3
For Flooring	Resurfacing	Repairs of Mortars	No dilution
	Concreting Toppings	Floor leveling	1 : 1
	Prime Coat	Floor Priming	1 : 2
	Fresh Concrete	Curing and Sealing	1 : 2

QUALITY STATEMENT

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users