

# MEGA BOND

Multi-Purpose Adhesive and Sealing Agent

## DESCRIPTION

\* **MEGA BOND** is a nontoxic, nonflammable liquid based on Styrene Butadiene Rubber with a wide range of applications.

## USES

- Admixture to produce cement slurry for bonding new to old concrete, cement plaster to fair face concrete, and cement screed to sub-concrete
- Admixture to produce cement mortar for concrete repairs and screed floors
- As a sealing agent, dust proof, and surface hardener for concrete and plaster surfaces

## ADVANTAGES

- \* Improves bond and tensile strength of concrete and mortar
- \* Lower w/c ratio, reduces mixing water and shrinkage
- \* Increases the resistance to chemicals, salts, and water penetration

## DIRECTION OF USE

### \* MEGA BOND SLURRY

- Surface should be clean, free of dust and all loose particles must be removed
- Surface to be moistened by water
- Mix **MEGA BOND** with clean water in the ratio of 1:3 **and** add it to cement-sand mixture in the ratio of 1:1 to reach a creamy consistency
- Using a stiff brush spread the bonding slurry, ensuring to reach the entire surface

### STRENGTH in Construction

**\* MEGA BOND MORTAR**

- Mix **MEGA BOND** with clean water in the ratio of 1:3 to 1:5 and add it to the cement-sand mixture in the ratio of 1:3 to reach a workable mortar
- Apply **MEGA BOND MORTAR** on a wet layer of **MEGA BOND SLURRY**

**\* MEGA BOND SEALER**

- Mix **MEGA BOND** with clean water in the ratio of 1:3
- Apply first coat of diluted **MEGA BOND** by brush or roller on a clean and sound surface
- Allow the first coat to dry before applying the second coat of diluted **MEGA BOND** with water in the ratio of 1: 2

**CURING**

- \* In cold weather it is recommended to apply the mortar in the morning and to be wetted after 24 hours during daytime.
- \* In hot weather it is recommended to apply the mortar in the evening and to be wetted in the following day and during all daytime

**TECHNICAL INFORMATION**

<b>Density at 25° C</b>	1.05 kg/l	<b>Appearance</b>	Milky White Liquid
<b>pH - Value</b>	9.5	<b>Solid content</b>	37 %

**PACKAGES**

1kg - 5kg - 20 kg - 125 kg

**STORAGE**

9 months in sealed packs, under suitable storage conditions

**TECHNICAL SERVICE**

For further information, on-site assistance and trails, Please contact our technical advisory services.

**STRENGTH in Construction**