

# A-Z Mega Bond

## Acrylic Latex Emulsion



**DESCRIPTION** • A-Z *Mega Bond* is a non re-emulsifiable acrylic latex emulsion for use as a bonding agent/admixture for concrete screeds, mortars, and patch repairs.

**USES** • A-Z *Mega Bond* may be used as a bonding agent for bonding new concrete or repair patches to old concrete and masonry surfaces by simply brushing directly on old surface. A-Z *Mega Bond* may also be used as an admixture to enhance the strength and bonding properties of concrete, plasters, and repair and patching mortars.

### ADVANTAGES •

- ✓ Economical and easy to use.
- ✓ Increases the compressive, tensile and bonding strength of concrete and mortar.
- ✓ Reduces water permeability.
- ✓ Increases chemical resistance.
- ✓ Can be used with virtually all types of cement.
- ✓ Suitable for interior and exterior applications.
- ✓ May be diluted with water or mixed with cement.

### TECHNICAL DATA •

Appearance: White, viscous liquid  
Toxicity: None

**COVERAGE** • Coverage will depend on surface roughness, porosity, application technique, and job conditions. As a primer, approximately 32 sq meter per gallon when undiluted with water. As an admixture, add 1.5-4 gallons for every 50 kg of cement, depending on expected use conditions and exposure to chemicals.

**LIMITATIONS** • Do not mix or apply if ambient temperature is expected to drop below 5°C during installation or in the proceeding 24 hours, or if rain is expected in the proceeding 24 hour period after application. Do not allow to freeze. Do not apply over frozen surfaces, rust, water-soluble paints or peeling paint. Do not apply where hydrostatic pressure might be present. When applied as a primer, protect primer coat from dirt and other contaminants until topping is applied.

**SURFACE PREPARATION** • All surfaces must be free from oil, grease, sealers, dust, paint, form release and curing compounds. Glossy and painted surfaces must be sanded, stripped, and cleaned of all contaminants. Concrete surfaces must be free of efflorescence and accepting of water penetration in

order to form a good bond. Test by sprinkling water on the substrate; water beading indicates the presence of contaminants which could cause loss of adhesion. It is recommended to roughen smooth concrete surfaces prior to installation.

**APPLICATION** • As a bonding agent/primer: Soak old surface with water, insuring surface is saturated but free of standing water. Prepare a bonding slurry consisting of 1 part A-Z *Mega Bond* to 1 part water and 3 parts Portland cement (by volume), then scrub into surface. Alternatively, as a standalone primer/Bonding agent dilute A-Z *Mega Bond* with water in a 1:1 ratio and then apply to surface with a roller, brush or sprayer to form a thin, continuous film. DO NOT ALLOW TO DRY; apply new cement screed, plaster, or repair mortar while coating is still tacky. If the existing substrate is highly porous, first seal with A-Z *Mega Bond* diluted with 3 parts of water.

As an Admixture: For heavy duty applications, add 26-40 gallons of A-Z *Mega Bond* for every cubic meter of concrete mix. A-Z *Mega Bond* may also be used for heavy renderings by adding 1 part Portland cement to 1 part washed sand and 1 part of A-Z *Mega Bond* diluted with water in a 1:5 ratio.

As a Sealer: Dilute A-Z *Mega Bond* with 3 parts water and apply by roller, brush, or sprayer.

**CLEANING** • Promptly clean all tools and equipment with clean water.

**STORAGE** • Store in dry conditions away from direct sunlight and extreme temperatures. When stored at specified conditions in original unopened packaging, shelf life is 12 months from date of purchase.

**SAFETY PRECAUTIONS** • **KEEP OUT OF REACH OF CHILDREN.** DO NOT TAKE INTERNALLY. Use neoprene gloves and goggles when handling. **FIRST AID:** Eyes – Do not rub eyes, immediately flush with fresh water and seek medical attention. Skin – Wash with soap and water. Ingestion – do not induce vomiting; seek immediate medical attention.

**PACKAGING** • 5, 35, and 55 gallon drums.