

# A-Z Prime Bond

## Aqueous Dispersion Primer



**DESCRIPTION** • A-Z Prime Bond is a non-plasticized aqueous dispersion based on acrylic and methacrylic acid esters and styrene primer for porous substrates like concrete, plasters and gypsum.

**USES** • A-Z Prime Bond may be used as a primer for porous substrates to reduce rapid absorption while increasing adhesion strength and bonding properties of new concrete and overlays, or repair patches to old concrete and masonry surfaces by simply brushing directly on old surface.

### ADVANTAGES •

- ✓ Economical and easy to use.
- ✓ Reduces water permeability.
- ✓ Increases chemical resistance.
- ✓ Can be used on virtually all types of porous substrates.
- ✓ Suitable for interior and exterior applications.
- ✓ May be diluted with water for deeper penetration.

### TECHNICAL DATA •

Appearance:	Milky, low viscosity liquid
Film Properties:	Almost clear, slightly tacky
Toxicity:	None

**COVERAGE** • Coverage will depend on surface roughness, porosity, application technique, and job conditions. Coverage is approximately 80-100 sq meter per 20 L pail when undiluted with water depending on surface absorbency.

**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 generally advisable to roughen the profile of the concrete surface by grinding or shot blasting to aid in the adhesion of the topping. Ensure that the substrate is free of moisture before application of the topping.

**APPLICATION** • After thorough preparation of the surface, A-Z Prime Bond can be applied by brush, sprayer or roller. Use a short-hair nap roller for smooth surfaces, and a 9 - 12 mm nap roller for textured surfaces. A plastic hand-pump sprayer may also be used. Apply the topping or overlay while the A-Z Prime Bond coat is still tacky. DO NOT ALLOW TO DRY FULLY. A-Z Prime Bond may also be lightly diluted with water (1-2 L of water per pail) to aid in the deep absorption into concrete surface.

**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** • 20 L pail.