

A-Z Super Bond

Modified Styrene Acrylic Copolymer



DESCRIPTION • A-Z Super Bond is a modified styrene acrylic copolymer used as a primer/bonding agent for concrete and mortar.

USES • A-Z Super Bond may be used as a bonding agent for bonding new concrete to old concrete and masonry surfaces.

ADVANTAGES •

- ✓ Economical and easy to use.
- ✓ Reduces water permeability.
- ✓ Can be used with virtually all types of cement.
- ✓ Suitable for interior and exterior applications.
- ✓ May be diluted with water or mixed with cement.

COVERAGE • Coverage will depend on surface roughness, porosity, application technique, and job conditions. As a primer, approximately 30 sq meter per gallon when undiluted with water..

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 USE WHERE PERMANENT DAMPNESS IS EXPECTED. 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.

PHYSICAL PROPERTIES •

Appearance	White viscous liquid
Toxicity	None
Pull Off Strength (ASTM D 4541)	1.45 MPa

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. Dilute A-Z Super 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 PrimeBond diluted with 2 parts of water.

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 liter pail.

Creative Concrete Concepts

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