



MATRIX BONDING ADDITIVE

NOVEMBER 15, 1993

PRODUCT DESCRIPTION

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Matrix Bonding Additive is a high-solids, water soluble acrylic polymer compound which is used specifically for modifying a Portland cement composition such as Perma•Crete®, Tropic•Set or Polar•Set Matrix Mix.

USES

Most commonly used for bonding old concrete to new; patching and resurfacing; as spray and fill coats; for repairing precast building panels and beams; or repairing industrial floors, highway bridge-decks and airport runways or ramps.

ADVANTAGES

Cement mortars modified with Matrix Bonding Additive are hard, tough, durable and offer superior flexibility, adhesion and impact strengths, plus excellent abrasion resistance; unaffected by most industrial chemicals, ultraviolet light and heat. They will not discolor in mixing or upon application.

TECHNICAL DATA

CHARACTERISTICS

Color:	Milky White
Drying Time:	Same as Water
Resin:	Acrylic Polymer/ Trace Monomers/ Ammonia/Water Defoamer
Solvent:	Water
Wt. per Gal.	8.53 lbs.
Specific Gravity:	1.00
VOC:	0 g/l
Resin Solids:	Proprietary
Storage:	40°F-90°F
Shelf Life:	12 Mos.Unopened

COMPOSITON

Acrylic Resin:	Proprietary
Surfactants:	Proprietary
Ammonia:	Proprietary
Water:	Proprietary
Defoamer:	Proprietary
Preservative:	Proprietary
	100%

PRODUCT APPLICATION

CONCRETE/MASONRY

Allow new concrete to cure at least 7- 10 days. Old concrete surfaces must be solid. Holes, cracks, and spalled areas must be filled or patched.

PREPARATION

Surface must be clean, dry and free of dirt, grease, oil or other substances which could affect adhesion. Non- porous surfaces should be etched with muriatic acid, rinsed thoroughly and allowed to dry.

APPLICATION

Stir thoroughly before mixing with Perma•Crete®, Tropic•Set, or Polar•Set Matrix Mix per instructions. Apply mixture when surface and air temperatures are between 20°F - 50°F and rising, depending upon type Matrix Mix used.

CLEAN-UP

Clean application tools and equipment with water periodically throughout the application.