

DESCRIPTION

Super-Krete® Bonding Agent™ (S.B.A.) is a multipurpose product formulated for use as a bonding agent when pouring new concrete over existing concrete, and also as an admixture for all types of cementitious structural repairs and resurfacing projects. When S.B.A. is mixed with common Portland cement and various sized aggregates, it will create a tenacious bond to any structurally sound cementitious substrate. S.B.A. is used for structural repairs as well as thin-set resurfacing. S.B.A. gives Portland cement unique properties that are unattainable by any other bonding agent, admixture or Portland cement modifier. When added to Portland cement and sand (in accordance with Super-Krete product specifications), S.B.A. provides superior adhesion and flexibility and allows the user to apply materials at any depth or thickness.

USES

Concrete Repairs	Swimming Pool Repairs
Bonding Agent	Bridges
Structural Repairs	Dams
Vertical / Overhead	Primer Coat
Plastering	Re-grading
Interior & Exterior	Re-leveling

ADVANTAGES

Co-adhesive Bonding	Ready-Mixed
Multi-Purpose	Easy to Use
Concrete Additive	

CSI RELATED SECTIONS

03 01 30.61 – Resurfacing of Cast-In-Place Concrete
03 01 40.61 – Resurfacing of Precast Concrete
03 05 00.00 – Common Work Results for Concrete
32 01 19.62 – Patching of Rigid Paving
32 01 26.74 – Concrete Overlays
32 01 29.61 – Partial Depth Patching of Rigid Paving
32 18 00.00 – Athletic and Recreational Surfacing



SURFACE PREPARATION

Before any Super-Krete products are applied over concrete, the slab must be free of sealers, curing compounds and bond-breakers. Always refer to Super-Krete Specification S-1 for surface testing, cleaning, preparation and porosity requirements prior to applying S.B.A. to any concrete surface.

Super-Krete International, Inc. recommends that all Super-Krete applications over concrete first be treated with Pene-Krete.

MIXING

For Use as a Bonding Agent: Mix well using a drill and paddle mixer attachment, then prime surface by sprayer, brush, or broom.

For Use as an Admixture: Mix well using a drill and paddle mixer attachment, then add desired amount of S.B.A. to cement and sand mixture in place of water (stone aggregate may be used depending on the depth of the patch or fill required).

For Resurfacing: Mix well using a drill and paddle mixer attachment. Add S.B.A. to cementitious mixture instead of water until desired consistency is reached.

APPLICATION

When using S.B.A. to bond cementitious products such as a concrete overlay, thoroughly mix S.B.A. and spray onto the surface using a hand-held pump-type sprayer. S.B.A. must be wet during the installation of the overlay material to ensure maximum adhesion. Do not let S.B.A. dry during the overlay installation, as it may create a bond-breaker. S.B.A. should always be in a "wet" stage when bonding any cementitious mixtures. When using S.B.A. as a primer for paints and sealers, S.B.A. must be completely dry before applying them.



Coverage Rate <i>* Coverage rate of S.B.A. will vary significantly depending upon the mixing ratio used, application equipment, surface porosity and substrate conditions. A test application is recommended using the desired mixing ratio to determine the coverage rate for your project.</i>	Shelf Life 5 years when properly stored, sealed and unopened.
Storage Store in a cool, dry place. Keep from moisture and keep from freezing.	Appearance Milky white liquid
Tools Required Hand-pump sprayer Soft-bristled broom Brush Pail Drill with paddle mixer Trowels	Odor None
	V.O.C. Content < 100 g/liter
	Packaging 5 gallon pail / 36 per pallet 55 gallon drums / 4 per pallet
	CAUTION <i>Keep away from children. Do not take internally. Always use safety gloves, the appropriate eye protection, and appropriate OSHA/NIOSH approved respirator in areas with poor ventilation and when exposed to spray mist, both indoors and outdoors. If ingested, seek medical attention immediately.</i>

LIMITATIONS Super-Krete products are to be applied only when surface temperatures are above 55° F and rising and not to exceed 100° F. Super-Krete products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete products are professional, contractor grade products. Training in the use of these products is available. Consult Super-Krete for information and assistance locating approved contractors in your area or for training class dates. NOTE: Super-Krete International, Inc. believes this information to be true to the best of our knowledge and products are of the highest quality and uniform within manufacturing tolerances. Since no control is exercised over product use, no warranty, expressed or implied is made as to the effect of such use and no liability is assumed directly or indirectly, from their use. Buyers and users are encouraged to conduct their own test prior to application.
WARRANTY Super-Krete products are warranted only when applied by Super-Krete Certified Applicators in accordance with Super-Krete specifications. No warranty applies to products applied over concrete substrates with moisture vapor transmissions exceeding (3 lbs.)/(1,000 sf) of surface area. Super-Krete provides a 5 year warranty when products are applied by Certified applicators. To apply for warranty, refer to the Super-Krete Limited Warranty and form filing at www.super-krete.com .

