



Super-Krete® International, Inc.

S-100 S.B.A.™

Product Description

Super-Krete S.B.A. is a multi-purpose product that will create a permanent bond between a structurally sound substrate and portland cement-based underlayments or re-grades. This product is designed to either bond the new surface to the existing or to be used as an internal mixture to provide flexibility, waterproofing and freeze-thaw shock resistance.

Super-Krete S.B.A. is a proprietary bonding agent and portland cement admixture. Super-Krete 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), Super-Krete S.B.A. provides superior adhesion and flexibility and allows the user to apply materials at any depth or thickness. When used as a bonding agent, Super-Krete S.B.A. allows the user to bond virtually any type of surface at any thickness. Common concrete can be bonded at any thickness.

Characteristics and Advantages

- Environmentally safe, non-Reemulsifiable, waterborne proprietary copolymer
- Superior adhesive and cohesive bonding strength
- Reduces moisture within the substrate
- Excellent priming system for other coatings and systems.

Uses

Super-Krete S.B.A. allows the user to apply modified portland cement admixtures and concrete products over structurally sound surfaces including, but not limited to, concrete, masonry, wood, and asphalt.

- Floor leveling/patching with portland cement
- Concrete patching and repair when used with a portland cement based mixture
- Structural repairs when used with a portland cement based mixture
- Thin-set overlays
- Vertical and overhead repairs
- Reducing moisture emissions through slabs

Surface Preparation

For detailed directions, see Super-Krete Surface Preparation Application Specification S-1.

1. Open any existing cracks using a diamond crack chasing blade.
2. Remove existing dirt, grime, laitance, and debris mechanically using a blower. Shot-blasting, sand-blasting or acid washing/neutralizing should be performed to achieve a profiled surface. All surfaces to receive coatings must be profiled.
3. Clean and degrease the surface using Super-Krete Heavy Duty Degreaser.
For detailed directions, see Super-Krete Product Specification S-12,000 Heavy Duty Degreaser.
4. Prepare surface using Super-Krete Pene-Krete®.
For detailed directions, see Super-Krete Product Specification S-1300 Pene-Krete.
5. Perform crack repair using the Super-Krete Application Specification S-9900 Crack Repair.
For detailed directions, see Super-Krete Application Specification S-9900 Crack Repair.



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Application

For bonding substrates:

1. Depending on the desired finished application, thoroughly mix Super-Krete S.B.A. with the appropriate Super-Krete cementitious material and apply liberally to a clean, dry surface using a Super-Krete squeegee or trowel.
2. Work material into the substrate using a broom.
3. Before Super-Krete S.B.A. dries, apply repair or overlayment material.

Do not allow Super-Krete S.B.A. to dry before applying the next overlayment material.

For use as an admixture:

1. Thoroughly mix Super-Krete S.B.A. with cementitious mixture instead of water.
2. Add Super-Krete S.B.A. until the desired consistency is achieved.
3. Prime the repair or overlayment areas with Super-Krete S.B.A.
Apply cementitious material per Super-Krete Application Specifications.

Coverage Rates

**Coverage rates will vary, these are approximations only, actual coverage will vary due to substrate conditions and surface porosity.*

Coverage rates for Super-Krete S.B.A. Bonding Agent will vary according to desired application.

Cure Time

7 Days

Shelf Life

12 months

Packaging

- 1 gallon bottles 4 per case
- 5 gallon pails 36 per pallet
- 55 gallon drums 4 per pallet

Limitations

Super-Krete products are to be applied only when surface temperatures are above 55 degrees F and rising. 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.

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.

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