



Sakrete® Concrete Bonder & Fortifier is a latex copolymer that may be used as either a paint-on bonder (straight from the bottle) or as a fortifier/admixture when mixed 1:1 with water.

FEATURES:

- Improves the bond between new and old concrete.
- Interior/Exterior
- Improves Tensile and Strengths
- Improves resistance to water penetration when used as an admixture
- Improves freeze/thaw resistance when used as an admixture

USE FOR:

- Admixture for cement based repair materials.
- Stuccos
- Mortars
- Repairs for Floor/Walls
- Silos
- Stairs
- Cinder Block/Concrete Block walls

YIELD/WATER/COVERAGE:

Container Size	Yield/Coverage
Quart Size	125 to 200 ft ² (12 to 19 m ²)
Gallon Size	500 to 800 ft ² (46 to 74 m ²)

NOTE: Yield and water are approximate. The yield above does not allow for waste and spillage.

TECHNICAL DATA:

Density – 8.9 lb/gal (1.07 kg/L)
 Drying Time – 2-4 hours at 70F (21C)
 Flash Point – None
 Flammability – Non Flammable
 Additional Information – Water-based

VOC:

<10 g/l

DIVISION 3

Common Work Results for Concrete - 03 05 00

COLOR:

Wet/Dry - White/Clear

PREPARATION/APPLICATION:

For best results all materials should be stored between 40°F (4°C) and 80°F (27°C) 24 hours prior to installation.

Refer to:

- ACI 530.1 Specification for Masonry Structures
- International Masonry Industry All-Weather Council (IMIAC)
 - Recommended Practices and Guild Specifications for Cold Weather Masonry Construction
 - Recommended Practices and Guide Specifications for Hot Weather Masonry Construction

NOTE: it is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

1. Use only when the product, air, and surface temperature are above 50°F (10°C) for a minimum of 24 hours.
2. Clean area and remove all unsound concrete, grease, oil, paint, efflorescence, and any other foreign materials that will inhibit performance.
3. Slick and sealed surfaces must be thoroughly roughened.

Refer to:

1. ASTM D 4258 Standard Practice for Surface Cleaning for Coating
2. ASTM D 4259 Standard Practice for Abrading Concrete

MIXING:

1. Mix entire contents thoroughly before using. Do not shake..
2. Mix 1:1 with water prior to adding to the dry mix for improved resistance to water or chemical penetration or resistance to freeze/thaw damage when it is a primary concern.
3. Mix in amounts as directed following the dry mix products instructions.

FOR USE AS A PAINT-ON BONDER:

1. Stir Bonder & Fortifier and apply with a paint brush.
2. Cover the area completely to insure proper bond.
3. Bonder & Fortifier should be tacky to the touch during application of the fresh patching material.
4. Apply the prepared patching material and trowel to a smooth or desired finish.
5. For best results mix a slurry consisting of 2 parts of Bonder & Fortifier with one part Portland cement. Apply slurry with a paintbrush covering the area completely to insure a proper bond. Once the slurry mixture is tacky to the touch apply the repair material. Trowel smooth or to desired finish.

FOR USE AS AN ADMIXTURE:

1. Mix Bonder & Fortifier with water at up to a 1:1 ratio.
2. Follow mixing instructions on cementitious product

PRECAUTIONS:

Air, mix and substrate temperatures should be between 40°F (4°C) and 80°F (27°C) and no rain in the forecast within 24 hours of application. For applications outside this range of temperatures and conditions, contact Sakrete Technical Service.

- Colder temperatures or higher humidity conditions will retard set times.
- Do not apply over painted or frozen substrates.
- Use only clean mixing container and tools.
- Protect from freezing for 24 hours.

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.

SAFETY:

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product.
 WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA).

KEEP OUT OF REACH OF CHILDREN.

LIMITED PRODUCT WARRANTY:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

