



B-1 Rebar Coating & Bonding Agent™

Long lasting protection against corrosion

Repair Thickness

Up to 10 mils

Set Time

1 hour

Application Technique

Brush, Spray

Where to Use

- Reinforcing steel
- Concrete substrates
- Protect rebar from further corrosion
- Rebar coating and bonding agent in 1 coat
- Corrosive environments

Features

- Water-based—1 component
- No mixing / no waste
- Includes rust converter
- Includes migrating corrosion inhibitor
- Bonding agent for concrete repair or concrete overlay material
- Long open time—Up to 5 days between priming and repair
- Breathable—Not a vapor barrier

Packaging and Yield

1 quart container
Up to 40 ft², concrete
250 linear ft, #8 rebar

5 gallon container
Up to 800 ft², concrete
5,000 linear ft, #8 rebar

Product Description

B-1 Rebar Coating & Bonding Agent is a special water-based rebar coating and bonding agent designed for cement-based repairs or overlay toppings. Cement-based toppings can be applied immediately after **B-1 Rebar Coating & Bonding Agent** dries completely or up to 5 days later.

B-1 Rebar Coating & Bonding Agent is a special water-based rebar coating & bonding agent designed to protect reinforcing steel (rebar) from further corrosion and improve bonding for cement-based toppings. Product contains a special rust converter and migrating corrosion inhibitor to ensure lasting protection.

B-1 Rebar Coating & Bonding Agent uses migrating corrosion inhibiting and rust converting technology. Product does not contain sacrificial zinc that may lose effective corrosion protection over time.

For Best Results

Stir **B-1 Rebar Coating & Bonding Agent** (do not use high speed mixers) to assure consistency. Apply to a clean, dry sound substrate above 40° F. Do not expose to rain or flowing water during application. **B-1 Rebar Coating & Bonding Agent** is to be stored in a dry, cool place. Do not allow product to freeze.

Surface Preparation

Surface preparation is critical to achieve long lasting results. Existing concrete substrate shall be clean, sound, and free of oil, grease, laitance, curing compounds, or any other foreign matter. Rebar treated with product must be free of scaled or loose rust and any foreign matter prior to coating application. On highly porous substrates, contact JE Tomes for recommended application procedures.

Application

B-1 Rebar Coating & Bonding Agent can be brush or spray applied. Apply at approximately 5 to 7 mils. Wait until product is dry to touch or completely dry before topping application. If conversion spots show on coating before topping, apply additional coat(s) as necessary. Apply cement based topping within 5 days.

Warning

KEEP OUT OF REACH OF CHILDREN. If eaten or swallowed, serious personal injury could occur. Prolonged contact with skin may cause irritation. In case of eye contact, flood eyes repeatedly with water. Consult your physician under any of the above circumstances.



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Technical Data

Slant shear bond strength	Exceeds 1500 psi	ASTM C882
Tensile bond strength—Application		
Wet mortar to 2 hour B-1 cure	Exceeds 400 psi	ASTM C1404
Wet mortar to 5 day B-1 cure	Exceeds 400 psi	ASTM C1404
Failure occurred in topping or substrate—No bond line failure		
Carbon steel corrosion test—No corrosion visible		ASTM D1748
Confirmed effective of embedded steel reinforcement		ASTM G109
Color	Gray	

LIMITED WARRANTY

JE Tomes & Associates, Inc. warrants its products to be free from manufacturing defects and will deliver, at no charge, an equal amount of packaged product as that amount proven to be defective when applied in accordance with manufacturer's written directions by contractors experienced in this application, and used in applications recommended by the manufacturer as suitable for the product. All claims concerning product defects must be made within twelve (12) months of use of the product. THERE ARE NO OTHER WARRANTIES BY JE TOMES & ASSOCIATES, INC. OF ANY NATURE WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH PRODUCTS WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. Buyer's sole and exclusive remedy for breach of any warranty shall be replacement of defective product. JE Tomes & Associates, Inc. shall not be liable for any damages, including consequential damages, except as otherwise set forth therein.