



Coverage

1-Gallon Bottle: 200-300 sq. ft
5-Gallon Pail: 1,000-1,500 sq. ft
The coverage will vary due to job conditions, method of application and weather conditions.

Packaging

1 gallon (3.78L) bottles
5 gallon (18.92L) pails

Storage

1. Store pails in a cool, dry location.
2. Store at a temperature between 40°F (4°C) and 90°F (32°C).
3. Store out of direct sunlight.
4. Protect pails from weather and other damage.

Shelf Life

2 Years

Color

Pale Green



SCAN FOR
FULL LIST
OF SPEC SHEETS

Product Description

Our original chemical concrete bonding agent incorporates polyvinyl acetate homopolymer in a patented formulation. Designed for exterior and interior use, Multi-Bond will bond new concrete, portland cement plaster, and cementitious mixes to structurally sound concrete floors, walls, columns, beams, steps and ramps. Multi-Bond can be "painted on" in a single application 1 to 10 days prior to concrete placement.

Performance

Properties

Tensile Bond Strength	ASTM C 932-05 (modified). 265 psi. Avg. 14 days.
Flexural Bond Strength	ASTM C-78. 603 psi. Avg. 14 days.
Shear Bond Strength	ASTM C-1059. 740 psi. Avg. 14 days.
Temperature Range	ASTM C-109. No bond failure. 400 psi. Avg. 14 days.
Freeze-Thaw Stability	5 cycles freeze (-10 degrees F and thaw). Freeze-thaw stable.
Toxicity	Enclosed mice exposed to 30 cc volatilized bonding agent for 1 hr. Non-toxic, no ill effects after 7 days.
Life Expectancy	Lab tested and field proven. Non-deteriorating bond; retains strength and flexibility.

Basic Uses

Use Multi-Bond's open time to your advantage in bonding to concrete shear walls, when you need a time lapse between application of bonding agent, placement of reinforcing steel, placement of formwork and placement of concrete. Multi-Bond is also used for bonding setting beds for ceramic tile and for bonding portland cement plaster and stucco mixes.

Area of Use

- Brick
- Block
- Tile
- Marble
- Metal
- Glass block,
- Soundly adhered paint (non-soluble in water)
- Silicone

Surface Preparation

All surfaces to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Painted or glossy surfaces must be roughened to ensure a proper bond. All surfaces to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Painted or glossy surfaces must be roughened to ensure a proper bond.

Mixing

Shake or mix the Multi-Bond thoroughly, immediately prior to use. **This product is not to be diluted.**

Application

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation instructions listed above.
2. Apply Multi-Bond with the thickness of a paint-like coating using a sprayer, brush, or roller to surface.
3. Protect Multi-Bond film from inclement weather conditions until application of finish.
4. Apply the desired finish when Multi-Bond is tacky or dry to the touch. Fast set mortars must be applied while bond is tacky, but not dry. Application of finish may occur as soon as Multi-Bond becomes tacky.
5. Do not break through the Multi-Bond film when applying finish.
6. May apply top coat within 10 days if surface is kept clean of dust, debris, dirt, etc.

NOTE: Product only re-emulsifies one time. If product is exposed to hydrostatic pressure before the application of top coat, you must reapply Multi-Bond to area.

Drying

Drying time may be as little as one hour depending on surface and ambient temperatures and surface porosity. Protect the applied area from inclement weather until the application of new coating is installed. Do not allow product to freeze until fully dry.

Limitations

DO NOT use Multi-Bond when the ambient and/or surface temperatures are below 40°F (4°C).

DO NOT add any other materials to the mixture of the product without written approval from Stucco Supply.

DO NOT deviate in the mixing or application procedures contained in this, or any other Superior Stucco Data Sheets, without written approval from Stucco Supply.

DO NOT apply Multi-Bond if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and or oils.

DO NOT mix the Multi-Bond into any other products other than those listed in the Area of Use section of this Product Data Sheet without written approval from Stucco Supply.

DO NOT use product where it will be exposed to standing water for extended periods of time.

NOTE: Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

Cleaning

Cleaning may be accomplished with water immediately after use.

Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN

Disclaimer

Stucco Supply (Manufacturer) MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT(S) SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer's sole and exclusive remedy for any claimed defective product against Manufacturer shall be the replacement of products actually proven to be defective. Handling and use of the products

are beyond the control of Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product for his/her independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.

Claims

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect. For any claim that is not valid Claimant agrees to pay Stucco Supply's reasonable charges, including travel and labor associated with investigation of such claim.

Technical Assistance

Technical assistance and information is available by calling (408) 292-0454

Warranty

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.