



NAME

Mighty Bond

TYPE

**Liquid Adhesive Bonding Agent
and Admixture and for Gypsum Plaster
and Stucco Portland Cement Mixes**

APPLICATION METHOD

As a bonding agent, brush, roller or spray applied.

PRODUCT OVERVIEW

Merlex Mighty Bond is a re-emulsifiable liquid bonding agent used to provide adhesion of new cementitious materials to existing surfaces. It may also be used as an admixture to fortify concrete mortars, portland cement plaster materials and tile grouts. When Mighty Bond is used as an additive, it helps to insure proper curing by retarding moisture loss during hydration.

BENEFITS

- Bonding agent for portland cement materials.
- Fortifies portland cements.
- Fortifies gypsum plasters.
- Creates strong chemical bond.
- Ready to use.
- Economical.

COMPONENTS
AND STORAGE

Mighty Bond is available in 1 gal. (3.8 ltr) plastic bottles and 5 gal. (19 ltr) plastic pails. Do not store in direct sunlight. Storage temperature should be between 50° F (10° C) and 90° F (32° C). Protect from freezing. Shelf life is approximately 2 years with proper storage.

BONDING AGENT
COVERAGE

When used as a bonding agent, 1 gallon (3.8 ltr) covers approximately 250 to 300 sq. ft. (23 to 27.6 m²). Coarse or porous surfaces may require more material.

BONDING AGENT
USAGE

Apply undiluted to plaster brown coat, concrete block, poured-in-place concrete, precast concrete, tilt-up walls, brick and stone immediately before applying plaster or stucco.

SURFACE
PREPARATION

All receiving surfaces must be structurally sound, clean, free of dust, dirt, silicones, paint products, efflorescence or any other contaminants which could hinder bonding ability. Allow new cement and masonry surfaces to fully cure (approximately 28 days) prior to application. Surface cracks, holes or voids should be repaired. Smooth or painted surfaces must be cleaned in an abrasive manner (high pressure water blast, scraping, sanding or sand blasting) to open surface pores and allow for a good bond.

BONDING AGENT
APPLICATION

As a bonding agent, apply using a brush, roller or low pressure spray equipment. Lightly dampen substrate (do not soak) prior to application. Apply new plaster or concrete material while Mighty Bond is still tacky. If Mighty Bond dries prior to application of new plaster mixture, it may be re-emulsified by using a mist spray of clean, cool water. Mighty Bond will dry to the touch in approximately 30 to 60 minutes.

ADMIX USAGE

As an admix to portland cement mixes, 1 or 2 gallons (3.8 to 7.6 ltr) may be added per each 90 lb. (40.8 kg) bag. Additive ratio depends on desired bonding strength and degree of impact resistance required.

ADMIX MIXING

Mighty Bond must be diluted with clean water before adding to mix. Do not add undiluted Mighty Bond to any mixture. Do not exceed 2 gallons (7.6 ltr) of Mighty Bond per 90 lb. (40.8 kg) bag of portland cement.

CLEAN UP

Clean all tools and equipment with detergent and water immediately after use. Clean up spills, splatters and overspray before it is allowed to dry.



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LIMITATIONS

Do not use Mighty Bond in areas which are continually exposed to water or where hydrostatic pressure is present, such as swimming pools and spas. Do not allow Mighty Bond to freeze. Do not apply over frozen or frost filled surfaces. Do not use when ambient temperature will fall below 40° F (4° C) within 48 hours after application.

WARRANTY

Merlex Mighty Bond Plaster and Concrete Adhesive is warranted to perform in accordance with the product specifications when used according to application instructions on the label. The presence of high alkalinity or untreated efflorescence may reduce the effectiveness of the product and void this warranty. This warranty is limited to and shall not exceed the total amount paid by the buyer for the product. In no event will Merlex Stucco, Inc. be liable for loss of profits, special or consequential damages in respect to any claim. The foregoing warranties are in lieu of all other warranties express or implied including those concerning fitness for a particular use.

**ENVIRONMENTAL
AND SAFETY**

Avoid contact with skin. Avoid breathing mist. Wash hands after use and before eating. For contact with eyes, flush immediately with water and consult physician. If ingested, induce vomiting and call physician. ***Keep out of reach of children.***
