

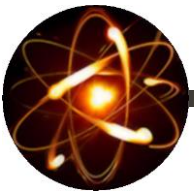


**MUI International**

# **Bio-Armor Mortar Coating**

## *Mold Control for Concrete*





## What is “Bi-Armor Mortar Coating” ?

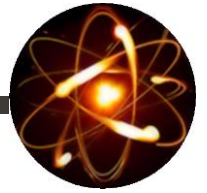
**Bio-Armor Mortar Coating** prevents deterioration and discoloration caused by fungi, algae, mildew, mold, and bacteria using positively bio-electrical charged particles. It is a proven technology for the economical and effective long term prevention of bacterial corrosion in concrete. Protects against the growth of bacteria and mildew.

The mold developing on various concrete structures becomes concerned due to the health, environment and aesthetic problems. Some of the black molds are hazardous, affecting human brains, weaken immune system, pregnant women, etc.

### Features

- Highly durable and long life ( >30 years)
- No degradation up to 190° C.
- Application thickness is 1 mm in nominal.
- The bonding strength is greater than 2 N/mm<sup>2</sup>.
- Essentially Non-toxic (Not contain Phenols, Tin, Heavy metals, Lead, Mercury or Formaldehyde)
- Unlike plastic coatings and liners, it cannot chip, peel, delaminate, pinhole or wash off.
- High erosion resistance.
- Easy preparation, just mix and apply by brushing or rollers.
- Protects also from carbonation of concrete (optional).





## Performance (2 years)



**Control - Bacterial Growth (3X)**



**Bio-Armor (3X)**

## Applications

- Bridges and highway structures
- Building facades, balconies and basements
- Concrete pipes and manholes in sanitary sewer environments
- Wet wells, clarifiers, etc.



## Application Procedure

Before Application



Remove existing mold using MUI “**Mold Stricker**” and high water pressure jet (minimum of 100 bar).



Mix Part A (10 kg) and Part B (0.6 liter) with 2.4 liters of fresh water for 3 minutes.



Apply approx. 1 mm thick with paint brush and roller on moist concrete surface.

Note: 1 set covers 6 m<sup>2</sup>.



Within 30 minutes from the application, spray Part B throughout the entire surface.



Contact:

[www.mui-int.com](http://www.mui-int.com)

Email: [info@mui-int.com](mailto:info@mui-int.com)

USA, Hong Kong, Thailand