

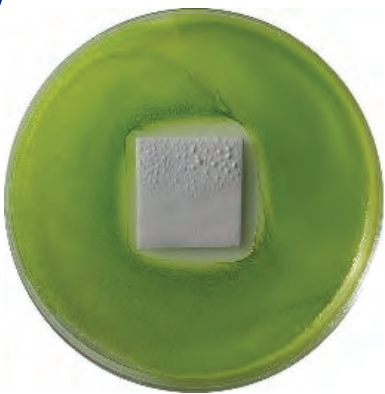


# BioCoat

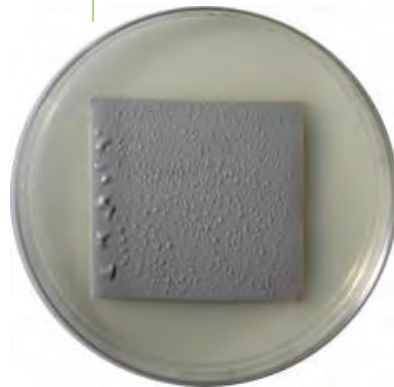
## Versatile Possibilities

**Prevention is the Key – *against mold, mildew, algae, fungus & yeast***

**BioCoat** is a multi-purpose encapsulating coating specifically for spray applications that serves as a protective barrier coating against water and prevents mold, mildew, algae, fungus and yeast growth in the duct system. Compatible with polyester, fiberglass, polystyrene board, closed cell polyethylene and polyethylene foam insulation materials, the **BioCoat** is a versatile product to meet your clean air requirements.



Mold test ASTM D5589  
Result: No Algae growth on sample



Mold test ASTM G21  
Result: No Algae growth on sample



### SURFACE BURNING CHARACTERISTICS

# FHC 25/50

+ – Tested as applied in two 2 in. wide strips 8 in. on center covering 22.2% of the test sample area at a coverage rate of 400 sq. ft. per gallon.

### SURFACE BURNING CHARACTERISTICS IN ACCORDANCE WITH CAN/ULC-S102

# FHC 25/50

++ – Tested as applied in two 50mm wide strips 200mm on center covering 22.2% of the test sample area at a coverage rate of 9.8 m<sup>2</sup>/L.

- EPA registered biocide package
- Low viscosity lagging adhesive
- Weather barrier coating
- Protective coating against water migration into the duct system
- Prevention of mold, mildew, fungus and yeast in the duct system
- Applicable for clean air requirements - hospitals, schools and etc.
- Compatible with polyester, fiberglass, polystyrene board, closed cell polyethylene and polyethylene and polyurethane foam insulation materials
- Applicable to bond and seal jackets of canvas, cloth or other fabrics/insulators to air conditioning ducts and cold water pipes



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# WATER BASED

- Easily sprayed with airless or spray assisted sprayers
- Cleans with soap and water when wet. Stronger solvents will be needed if dried
- Base: Synthetic Latex
- Color: Black or White
- Density:  $9.1 \pm 0.2$  lbs./gallon
- Solids:  $46 \pm 2\%$
- Viscosity:  $12,000$  cps  $\pm 2,000$  pcs (Brookfield Viscometer, RV-4 spindle, 5 rpms, at 77°F)
- Application Temp: 20°F to 90°F
- Storage Temp: 20°F to 90°F
- Shelf Life: (Unopened containers) 1 year

- TVOC Emissions: CDPH Standard Method v1.2 = Private Office - Pass: School Classroom - Pass
- VOC Content: EPA Method 24 Test = Pass - Very Low
- Dry Time: 11 minutes at 4mils wet film thickness and 76°F, depending on temperature, humidity and application thickness
- Mold and Mildew Resistant:
  - ASTM G21: Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi - Pass
  - ASTM Method D 4300-01: Standard Test Methods for Ability of Adhesive Films to Support or Resist the Growth of Fungi - Pass
- ASTM D2574: Standard Test Method for Resistance of Emulsion Paints in the Container to Attack by Microorganisms - Pass
- Do not freeze

**BioCoat5**  
5 gallon pail *46 lbs*

**BioCoat54**  
54 gallon drum *555 lbs*

