

EPA Registered
EPA Reg No.59682-4

BIOFLEX

Fungicidal Protective Coating

Application Instructions

EPA Approved Application Areas for BioFlex

- Interior Walls
 - Wall Cavities
 - Concrete Block & Masonry Surfaces
 - Fiberglass Insulation
 - Wooden Studs and Wood Surfaces
 - Rubber Insulation
 - Pipe Coatings
 - Metal Surfaces
-

Equipment To Be Used

Airless sprayer such as Graco Model RAC 4 “reverse-a clean” model. Minimum pressure 800 psi at gun tip,

Gun and Hose Assembly: 1/4 inch ID high-pressure hose. For distances greater than 40 feet, use 5/16-inch ID high pressure rating hose (minimum rating of 3,000 psi). Use Graco reversible cleaning tip at 0.20 – 0.25 tip size.

Filter: Always use and clean filters when using. Recommended Graco Part # 216062 outlet manifold, 60 mesh screen Part # 167025

Air type sprayers and diaphragm style sprayers will not work with BioFlex.

Goggles, gloves and paint mask are required during spraying. Care must be taken so as not to place one’s hands in front of operating spray nozzle tips. Follow sprayer manufacturers recommended operation.

BioFlex Storage Conditions

BioFlex may be frozen, and passes up to 5 freeze-thaw cycles with not detriment on performance. Do not store over 110 degrees for prolonged periods.

Application Temperatures/Conditions

Do not apply if temperatures are below 50 deg. High humidity or rainy weather increases drying time. DO NOT THIN BioFlex as it will reduce its performance and antimicrobial properties.

Fire & Flammability

The is product is non-flammable as supplied. It is ASTM Certified Class One, with a certified Flame Spread of zero. BioFlex will not support combustion.

General Surface Preparation

Improper surface preparation is the cause of most painting failures.

Clean surfaces to remove greases, oils, dust and dirt, and other debris such as flaked or chalked paint prior to spraying. Use TSP or other suitable cleaner. Rinse or wipe off any excess cleaning detergents.

New masonry or plaster surfaces must be allowed to cure before painting. Remove all loose material on surface using a stiff bristle brush.

Moldy Surfaces

For moldy surfaces, remove mold and disinfect surfaces prior to application.

In some instances, mold infestation may require removal and replacement of wall board or other substrate. When in doubt, check with a certified remediation consultant to determine.

Wall Cavities

Spray on surfaces to be protected such as wood studs, wooden plywood sheathing, masonry or concrete block, wallboard and exposed fiberglass insulation. Flat non-porous surfaces will require approximately 180 square feet per gallon.

Insulation and other porous surfaces will require 15 to 25 mil thickness to insure covering of surface irregularities. Coverage for porous surfaces such as insulation and concrete block will be approximately 100 sq ft per gallon.

Interior Wallboard

Insure surfaces are clean and free of mold, greases, oils, dirt, and chalked or flaking paint. Use TSP if necessary to remove oils or greases.

Disinfect if mold present prior to spray application. Removal and replacement of contaminated wallboard is recommended if mold growth is embedded inside the substrate.

Spray on interior wallboard to a thickness of 9 to 12 wet mils. Two light coats are better than one heavier coat. Coverage will be approximately 180 square feet per gallon.

Metal Surfaces

For galvanized surfaces, use Controlled Release Tech. FX Primer prior to coating with BioFlex.

Drying Time

Drying time: 2 to 6 hours depending upon temperature and humidity.

Equipment Cleanup

Cleanup equipment with warm, soapy water. Rotate reversible spray tip to adequately clean spray nozzle. Triple rinse paint container and dispose per label directions.