

Blygold[®]

Hygicoat 2000 MB

Microorganisms can multiply rapidly in an air-conditioning installation, given the favorable conditions for growth. When ventilation air has the opportunity to pick them up, they can spread throughout the entire building. Favorable conditions are: moist situations, suitable temperature ranges and presence of nutrition. Possible locations are: filters, humidifiers, cooling coils, ducts and heat exchangers of induction units.

Microorganisms typically found in air handling units are bacteria, protozoa (amoeba) and moulds. Two types of health effects can be associated with exposure to these microorganisms: infection and allergy.

Blygold developed Hygicoat 2000 MB to reduce adhesion of pollution such as dust and microorganisms. In order to multiply in an air conditioning system, microorganisms need to settle and receive nutrition and moisture. Hygicoat 2000 MB minimizes the settling and the availability of nutrition. Therefore, a treatment of Hygicoat 2000 MB on your air conditioning surfaces will result in reduced contamination with organisms and less frequent cleaning and disinfecting of your system.





Hygicoat 2000 MB

Treatment: Hygicoat system
Coating type: Water based, 2-K solvent free epoxy
Color: Gray or white
Pretreatment: Blygold Penetrator 2509
Finish: Smooth shiny finish
Substrates: Metals, mineral substrates, old paint

Layer Thickness: 75 µm (3 mil) dry
Application: Qualified Blygold Applicator
Adhesion (cross hatch): 0 (European) 5b (USA)
Indoor Applications: Air handling unit surfaces,
walls, ceilings, casings and drip trays

Test results:

EU 90/128/EEC, EU2002/17/EC, ENV 1168-5:

Suitable for contact with aqueous foodstuff for 2 days.

Inhibition Test

Mainly effective on gram-positive bacteria, yeast and moulds.



Blygold®

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