

## Fungus and Mildew Resistance

Architectural fabric structures are frequently used in hot and humid environments, which are susceptible to fungus and mildew growth. Fungus growth on an architectural fabric cannot only be an aesthetic problem but can lead to structural problems with the material. Frequently, fungus growth on a structure begins with a collection of dirt on the surface of the material.

To minimize the potential problems in Shelter-Rite fabrics with a fungal attack of the material, Seaman will incorporate a fungicide into the coating compounds. In addition, the use of a top coating system to reduce dirt collection on the material will help reduce fungal attacks.

Laboratory testing is done when a material is developed to assure that the material does not support the growth of fungus or mildew. Shelter-Rite architectural fabrics are subjected to ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.