

MPS No. 1007

Subject: Mold Resistance

Date: January 2008 (Revised January 2019)

ThermaFoam R-Control insulation was subjected to accelerated moisture/mold exposure testing to gauge its degree of mold resistance. Testing was based upon ASTM D3273-00, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber." This testing involves exposing the ThermaFoam R-Control insulation to mold in an high humidity environment, approximately 90% RH. In addition to the testing of

ThermaFoam R-Control insulation sample, samples of southern yellow pine were tested as a control. At the end of the 3 month test, the growth of mold (*Trichoderma* and *Aspergillus*) was obvious on the southern yellow pine. NO mold growth was present on the ThermaFoam R-Control insulation. Please also refer to Technical Bulletin MPS no. 1004.



**Southern Yellow Pine
with Mold Growth**

**ThermaFoam R-Control
insulation with NO
Mold Growth**



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