

EPS NO. 1007

SUBJECT: MOLD RESISTANCE

DATE: JANUARY 2008 (REVISED JANUARY 2019)

R-Shield[®] 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 R-Shield insulation to mold in an high humidity environment, approximately 90% RH. In addition to the testing of R-Shield 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 R-Shield insulation. Please also refer to Technical Bulletin EPS no. 1004.



**Southern Yellow Pine
with Mold Growth**

**R-Shield insulation
with NO Mold Growth**