



Thomas Bruun  
Director

# COUNTY OF PRINCE WILLIAM

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DEPARTMENT OF  
PUBLIC WORKS  
Division of  
Building Development

## Product Approval 03-03 May 8, 2008


<b><u>Division 7:</u></b>	<b><u>Thermal And Moisture Protection</u></b>	<b><u>Section07210:</u></b>	<b><u>Building Insulation</u></b>
<b><u>Product:</u></b>	<b><u>Biobased 501. Spray Foam Insulation System</u></b>	<b><u>Manufacturer:</u></b>	<b><u>Biobased Systems 1315 North 13<sup>th</sup> St. Rodgers, Arkansas 72758</u></b>
<b><u>Report:</u></b>	<b><u>ES Report No. ESR-1383</u></b>		

### Conditions of Use:

This report is limited to the applications and products as stated in the ES Report #ESR-1383 (attached). The ICC-ES Subcommittee on National Codes intends that the report be used by the Code Official to determine that it complies with the code requirements specifically addressed, provided that this product is installed in accordance with the following conditions:

1. The Biobased Spray Foam Insulation System shall be installed in accordance with this report, the manufacturers' installation instructions and the appropriate code.
2. The Biobased Spray Foam Insulation System shall be separated from the exterior of the building by an approved 15 minute thermal barrier, except when installed in attics or crawl spaces as described in Section 4.3 of the ESR Report.
3. The Biobased Spray Foam Insulation System shall not exceed the thickness and density noted in Sections 3.0 and 5.3 of the ESR Report.
4. The Biobased Spray Foam Insulation System shall be protected from the weather after application.
5. The Biobased Spray Foam Insulation System shall only be used in IRC Dwellings and Type V-B IBC buildings.

6. **The use of Biobased Spray Foam Insulation System shall be identified on the plans submitted to Plans Review for approval.**
7. **The use of Biobased Spray Foam Insulation System in attic assemblies under the IRC 2003 Code must submit a Code Modification request to comply with the IRC 2006 Section R806.4 Un-vented Conditioned Attic Assemblies at time of plans review.**
8. **The use of Biobased Spray Foam Insulation System shall be inspected by the project superintendent and identified on the County's Energy Envelope and Roof Covering Certification for residential projects and will be inspected by County Inspectors on commercial projects. Manufacturers' installation instructions and a copy of ESR Report No. ESR-1383 must be on site for either inspection.**

  
Eric M. Mays, P.E., C.B.O.  
Building Official

Attachment

[ES Report No. ESR-1383](#)

{[www.pwcgov.org/government/dept/development/bd/Documents/008201.pdf](http://www.pwcgov.org/government/dept/development/bd/Documents/008201.pdf)}

Cc: Product Approval Folder  
Building Plan Review Branch  
Construction Inspections Branch