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DEPARTMENT OF
DEVELOPMENT SERVICES
Division of
Building Development

Product Approval 06-02
September 18, 2008

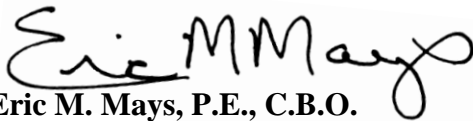
<u>Division 6:</u>	<u>Wood and Plastics</u>	<u>Section 06120:</u>	<u>Structural Panels</u>
<u>Product:</u>	<u>Styrofoam SISTM</u> <u>Structural Insulated</u> <u>Sheathing and</u> <u>Styrofoam</u>	<u>Manufacturer:</u>	<u>The Dow Chemical</u> <u>Company</u> <u>Charleston, Illinois</u>
	<u>SISTM Plus</u> <u>Structural Insulated</u> <u>Sheathing</u>		
<u>Report:</u>	<u>ES Report No. ESR-2436</u>		

Conditions of Use:

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. Styrofoam SISTM Structural Insulated Sheathing and Styrofoam SISTM Plus Structural Insulated Sheathing are approved in accordance with the [ESR-2436](#). If this evaluation report does not remain current, this approval expires.
2. According to section 2.0 of [ESR-2436](#), Styrofoam SISTM and Styrofoam SISTM Plus panels can be used as; Insulated Structural Wall Sheathing, as Braced Wall Panels, as Structural Sheathing for Continuously Sheathed Braced Walls to resist transverse wind loads, and as an alternative to the Water-Resistive Barrier, specified in IBC 1403.2 and IRC Section R703.2.
3. Styrofoam SISTM and Styrofoam SISTM Plus panels shall be installed per the applicable codes, [ESR-2436](#), and the manufacturer's published installation instructions.

4. A copy of this approval and [ESR-2436](#) of Styrofoam SIS™ and Styrofoam SIS™ Plus panels must be maintained with the approved construction drawings on-site for the County inspector's review.
5. Styrofoam SIS™ and Styrofoam SIS™ Plus panels must not be used as a nailing base.
6. Walls sheathed with Styrofoam SIS™ and Styrofoam SIS™ Plus panels must not be used to resist horizontal loads from concrete or masonry walls.
7. When Styrofoam SIS™ and Styrofoam SIS™ Plus panels are not used as braced wall panels, the walls must be braced by other means in accordance with applicable codes.
8. Styrofoam SIS™ and Styrofoam SIS™ Plus panels are not recognized for use in Fire-Resistance-Rated construction.
9. Styrofoam SIS™ and Styrofoam SIS™ Plus panels must be separated from the interior of the building by an approved 15 minute thermal barrier, or a code compliant ignition barrier, except where permitted by Section 4.4 of [ESR-2436](#).
10. Styrofoam SIS™ and Styrofoam SIS™ Plus panels must not be placed on exterior walls located within 6 inches of the ground.



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

Building Official

Attachment:

[ES Report No ESR-2436](#)

{ www.pwcgov.org/government/dept/development/bd/Documents/008948.pdf }

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