



Washington State Building Code Council

Improving the built environment by promoting health, safety and welfare

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STATE BUILDING CODE OPINION NO. 24-29

CODE: 2021 Washington State Energy Code—Residential

SECTION: R303.1.4, Insulation Product Rating

QUESTION: Does Insultex House Wrap by Innovative Designs, Inc. meet the requirements of the 2021 Washington State Energy Code?

ANSWER: **The Council cannot make a determination on or approve the use of specific products. As the enforcement authority, the local jurisdiction must determine if the alternate testing procedure used by the product is equivalent to the required federal testing procedure specified in Section R303.1.4.**

Please note that R303.1.4 references C.F.R. Title 16, Part 460, which requires one of several tests, including ASTM 518-17 “Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.” Insultex was tested using a modified 518 test that includes an air gap and reflectivity and it appears that those are not allowed by C.F.R. Title 16, Part 460 for R-value claims for this kind of product.

See <https://www.ecfr.gov/current/title-16/chapter-I/subchapter-D/part-460> for the federal testing requirements.

SUPERSEDES: None

REQUESTED BY: City of DuPont

