

DOCKETED

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Notice of Availability Final Staff Report

EXCEPTIONAL COMPLIANCE METHOD APPLICATION BAMCORE PRIME WALL

Docket # 19-BSTD-11

The California Energy Commission (CEC) is making available to the public the final staff report regarding the exceptional method compliance option application submitted for BamCore Prime Wall.

The staff report is available at the CEC website at
http://ww2.energy.ca.gov/title24/2008standards/special_case_appliance/.

Background

BamCore LLC has submitted an application and supporting documentation requesting approval for an exceptional method compliance option for its Prime Wall system, which CEC staff is referring to generically as a dual panel hollow (DPH) wall system. The Prime Wall system is comprised of exterior and interior laminated veneer bamboo panels fastened to wood top and bottom plates with minimal blocking. This blocking does not span the entire length of the wall, making it unique compared to typical framed assemblies. This results in an assembly with a very low framing percentage and a continuous cavity area spanning the entire length of any single wall surface, which minimizes thermal bridging.

The 2019 California Energy Code compliance software, California Building Energy Code Compliance—Residential (CBECC-Res), uses a workaround that does not adequately measure the overall energy benefit provided by the Prime Wall system.

The application submitted provides justification for modifying the software to properly and accurately model the thermal properties of the Prime Wall and provides test results from certified laboratories as justification for its thermal performance values.

Documents posted to the docket for this compliance option may be viewed at
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-BSTD-11>.

Public Advisor and Other Commission Contacts

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