

SUBJECT: FIRE-RESISTANCE-RATED ASSEMBLIES

WALL: TWENTY MINUTE RATING

An Extreme SIPs wall section faced with 1/2" gypsum board, with an electrical outlet and wiring in place, was tested. Foam sealant was placed around the outlet opening following Extreme Panel Detail #EPT-108. The results from ASTM E119 testing showed that Extreme SIPs, complies as a twenty-minute fire rating per the criteria of ASTM E119 (UL 263). Reference: ULR12389 89NK14D67.

An Extreme SIPs wall section faced with a single layer of 5/8" gypsum board was tested. The results from ASTM E119 testing showed that Extreme SIPs exceeds the requirement of a twenty-minute fire rating per the criteria of ASTM E119 (UL 263). Reference: SWRI Pro. No. 01-8305-52b.

WALL: 1-HOUR RATING

Extreme SIPs with two layers of 5/8" Type X gypsum board applied to the face, having an outlet and wiring in place and intumescent caulk placed around the electrical outlet opening, complies as an hourly wall assembly per the criteria of ASTM E119 (UL 263). Please refer to ICC ESR-4524, Section 4.2.11 Fire-resistance-rated Assemblies - View code reports at www.extremepanel.com/code-reports.

WALL: 1-HOUR RATING

Extreme SIPs with one layer of 5/8" Type C gypsum board applied to the face and connected using (2) 2x dimensional lumber splines, 4' on center, and top plates, complies as an hourly wall assembly per the criteria of ASTM E119 (UL 263). Please refer to ICC ESR-4524, Section 4.2.1.1 Fire-resistance-rated Assemblies.

ROOF/CEILING: 1-HOUR RATING

Extreme SIPs with two layers of 5/8" Type X gypsum board applied to the face complies as an hourly roof/ceiling assembly per the criteria of ASTM E119 (UL 263). Please refer to ICC ESR-4524, Roof Assembly, Section 4.2.1.1 Fire-resistance-rated Assemblies.

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