

Technical Bulletin #8b

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WIRING PREMIER SIPS

The Structural Insulated Panels manufactured by Premier SIPS are both simple and easy for electricians to wire. It does require a small amount of advance planning. 1-1/2" diameter wiring chases are provided in the panel cores for quick access by the electricians. The chases are typically located at 16" and 45" off the finished floor as well as vertically 4' on center. These locations as well as any custom chases should be verified during the shop drawing phase.

Type NM-B cable, as labeled by Underwriters Laboratories, passes UL-719 that mandates a maximum conductor temperature of 900°C (1940°F). The conductor temperatures under normal loads will not exceed 600°C, due to the restrictions on amperage loading and breaker sensitivity.

The wiring used for most residential and light commercial structures, commonly referred to as "Romex", is widely available with the NM-B designation labeled by UL and is acceptable for use with Premier SIPS.