

# What are SIPs?

Structural insulated panels are high-performance products used in exterior walls, roofs, and floors for residential and light commercial construction. SIPs are made by sandwiching a core of rigid foam insulation between two skins of structural sheathing, typically oriented strand board (OSB), cement (MgO), or steel. SIPs build better houses.

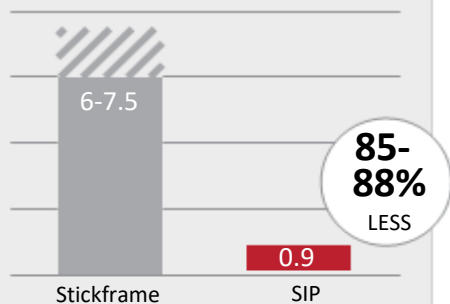


## MORE DISASTER-RESISTANT

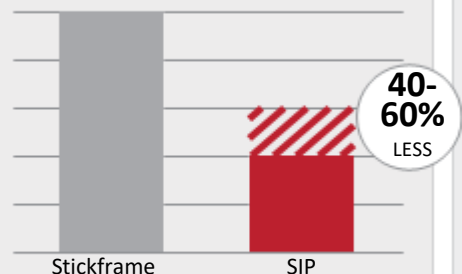
Typical SIP wall TWICE as strong as stickframe stud wall and maintains strength after flooding.



## LESS AIR LEAKAGE (ACH50)

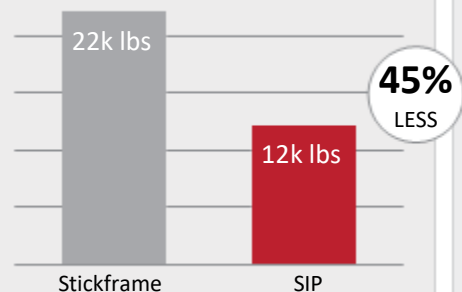


## LESS ENERGY USAGE

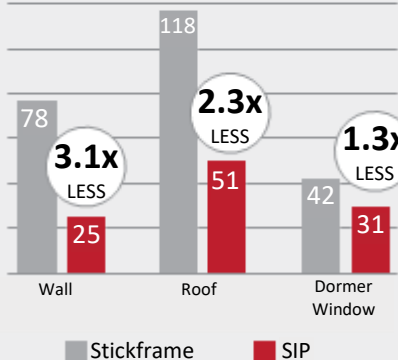
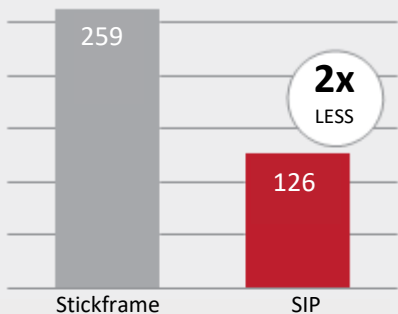


SIP homes save 40-60% on energy, depending on climate zone.

## MORE SUSTAINABLE



## LESS LABOR (shown in hours)



Source: BASF Time-Motion Study, 2 x 6 stud at 16" oc vs. 6.5" SIP panel

## HAPPIER CUSTOMERS

- Lower energy costs
- Stronger, more disaster-resistant home
- Greener, more sustainable process
- Improved resale value
- Healthier, quieter, more comfortable living space

## HOW SIPS SAVE LABOR

- Entire wall/roof assembly installs quickly and easily in sections
- Openings and chases precut at factory
- No sheathing or insulating on site
- Uniform nailing surface for siding
- Fewer callbacks

## ADDED BENEFITS FOR BUILDING WITH SIPS

- Framing crews learn easily to install
- Onsite modifications simple if required
- Simplified electrical and HVAC installation
- Precise openings and joints speed door, window, cabinet installation

**SIPs** CUT LABOR COSTS BY **55%**