



# *accelE*

*Steel Thermal Efficient Panel*  
Energy Efficiency with Ease



Construction efficiency...  
Energy efficiency...  
All in one STEP.

 **ACCELERATED™**  
building technologies  
A Dietrich Metal Framing | NOVA Chemicals Joint Venture

## Key Benefits

### Cost Effective

The **accel-E™ STEP wall system** can significantly reduce both the amount and required skill level of on-site labor, lower overhead and shorten construction cycles. And because the entire system is pre-cut for your job, you pay only for what you need — with minimal waste — and eliminate disposal costs.

### Faster Installation Time

The **accel-E™ STEP system** consolidates framing, insulation and sheathing into a single step, thereby allowing one crew to handle the entire job quickly and economically. Window and door openings are pre-cut for quick on-site installation, and the open cavity on the panel's interior offers generous space for electrical and plumbing components.

### Energy Efficient

The **accel-E™ STEP system** lowers heating and cooling costs. Structures built with the **accel-E™ wall panels** provide consistent and superior comfort with substantially less energy loss, because drafts and air infiltration are virtually eliminated.

**Note:** HVAC systems should include sufficient air exchange throughout the structure.

### Reduces Construction Defects and Callbacks

As wood framing dries, it shrinks and twists, often resulting in nail pops in drywall, bowed walls, warped or buckled siding. Incorporating two industry-leading materials — steel and EPS — the **accel-E™ STEP wall system** ensures consistently straight walls, eliminating the construction defects and callbacks associated with wood.

### Green

Environmentally friendly, **accel-E™ wall panels** are made from recycled materials and are themselves *100% recyclable*. The **accel-E™ STEP wall system** is a contributor to obtaining LEED points.

### Fire Resistance

Unlike wood, steel is non-combustible and will not fuel fire. The EPS used along with the steel in the **accel-E™ wall system** offers a Class A fire-resistance rating.

### Resists Mold, Termites, Other Insects and Rodents

The wood used in traditional framing is a natural food source for both mold and termites. Made from non-organic steel and EPS, **accel-E™ STEP wall panels** aren't conducive to mold growth, offer no nutritive value to termites, other insects or rodents, and won't rot or decay.

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction and operation of high performance green buildings.

