



Commercial-Grade Steel and Insulation Technology Based Products



# Thermal Insulated Metal Siding

“ENERGY SAVINGS NEVER LOOKED SO GOOD”

**SINGLE**

**DOUBLE**

**TRIPLE**

**QUAD**

[www.shieldcoremfg.com](http://www.shieldcoremfg.com)



**NEXT-GEN**

**THERMAL INSULATED SIDING**

• **4 Different Panel Choices**

Single, Double, Triple & Quad

• **4 Textures To Choose From**

Stucco, Smooth, Rough Cut, Wood

• **2 Distinct Panel Styles**

Shiplap or Tongue & Groove Choices

**100% PAINTABLE**

Every Texture and Style  
Has a paintable surface

**R7 to R12+ VALUE**

R-Rating Range Dependent  
on Installation Factors

**WUI FIRE RATED SIDING**

Meets stricter fire safety standards  
than residential products available

## 3 LAYERS OF PROTECTION

3

**ALUMINUM BACKING**

Fiberglass inlay w/ thermal &  
moisture barrier backing

2

**0.69" THICKNESS**

Class A fire rated PIR core  
Commercial grade insulation

1

**0.3" OF HIGH HEAT**

& flame-resistant nylon  
painted aluminum clad

Shiplap  
Siding

Tongue  
& Groove

# 16" Interlocking Thermal Insulated Metal Siding



# PROJECT COST ANALYSIS

**Concrete Siding:**

Up to \$19.50 per sq ft

**ShieldCore™ Siding:**

**As Low As \$6 per sq ft**



**One-Step  
Interlocking Panel  
Installation**

## 2025 Concrete Siding Cost Breakdown

Layer / task (fiber cement system)	Typical materials cost per sq ft	Typical labor cost per sq ft	Notes
Moisture management house wrap	0.25–0.75	0.25–0.75	Weather-resistive barrier installed over sheathing before insulation. <small>herks</small>
Neopor or comparable rigid/breathable insulation	1.00–2.50	0.75–1.50	Adds thermal performance; often 1–2 in. rigid board or similar. <small>herks</small>
Heat-reflective radiant barrier	0.50–1.50	0.25–0.75	Foil or film layer to cut radiant heat gain; extra handling step. <small>herks</small>
Reinforced wood sheathing (OSB/plywood)	0.80–1.75	0.75–1.50	Structural wall sheathing; price depends on thickness and grade. <small>herks</small>
Fiber cement cladding (planks/panels)	2.50–5.00	2.20–3.50	Core siding product; heavy and labor-intensive to cut and hang. <small>allurausa +1</small>
<b>Totals for full assembly</b>	<b>≈5.05–11.50</b>	<b>≈4.20–8.00</b>	Combined, this yields roughly 9–19.50 per sq ft installed for a fully built-out fiber-cement wall. <small>allurausa +2</small>

**As Much As \$19.50 per Sq. Ft.**

## ShieldCore™ Siding Cost

ShieldCore™ Exterior Insulated Metal Panels	Material Cost Per sq ft
ShieldCore™ Panel Cost Per sq ft	\$5.00
ShieldCore™ Labor Cost Per sq ft	\$1.00 - \$2.50

**As Low As \$6 per Sq. Ft.**

### Q: Why ShieldCore™ Paneling?

**A:** On paper, fiber cement looks cheaper per panel, but once you add separate house wrap, insulation, a radiant barrier, and reinforced sheathing, the material and labor cost per square foot can easily be 3x times higher than installed ShieldCore™ insulated metal siding. Because ShieldCore™ installs in one step instead of four or five, labor per square foot can drop dramatically, cutting the total installed cost while speeding up the schedule.

\* Product Cost Analysis Between Concrete Siding vs. ShieldCore™ Insulated Metal Siding \*



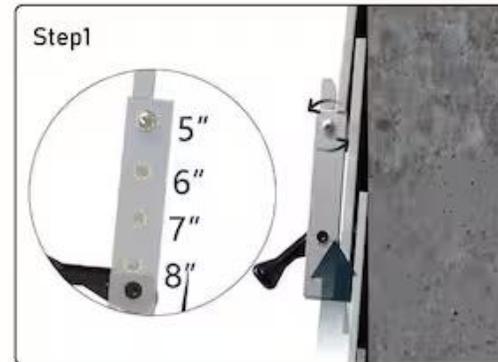
# LABOR COST ANALYSIS

## Up To 4 to 5x Faster Installation

1. **ShieldCore™** installation speed is approximately 4x faster than the fiber-cement assembly, based on a one-step interlocking panel installation, 16" high panel size, lighter handling, hidden-seam fastening, and use of standard saws and nail/screw/staple guns rather than specialized fiber-cement tools, respirators, and safety equipment.
2. **ShieldCore™** thanks to its much faster one-step panel system, the costs on a 2,000 sq ft home lands closer to **\$2,000 TO \$4,500 in labor costs**, freeing up budget and schedule for the rest of the project.
3. Because **ShieldCore™** installs in one step instead of five, the labor costs alone per square foot are far less than half the cost of installing concrete (fiber-cement) siding.

- **For a full concrete (fiber-cement) wall assembly**, crews need both standard carpentry tools and specialized concrete fiber cement tools, respirators, and safety gear.
- **A two-man crew installing concrete (fiber-cement) siding with full exterior wall assembly** includes moisture wrap, separate insulation, a radiant barrier, and reinforced sheathing can easily run **\$10,000 to \$18,000 in labor costs** alone on a 2,000 sq ft home.

## Concrete Siding Installation



Step1  
Slide the siding installation tools to each siding course.



Step2  
Clamp the handle for a snug fit. (Don't overtighten!)



Step3  
Lower the next course right on the top of the tools' slots.



Step4  
Nail the siding off and repeat the steps for the next siding course installation.

## ShieldCore™ Insulated Siding Installation



Step 1  
16" Panels Interlock



Step 2  
Screw, Staple or Nail

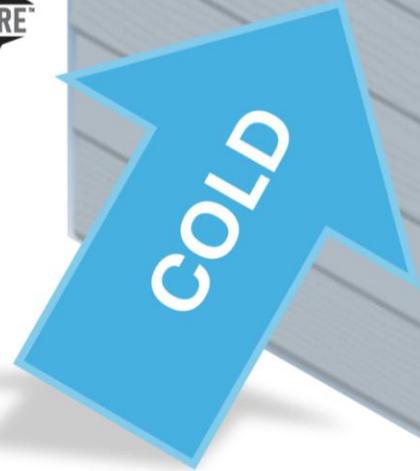
# CONCRETE SIDING COMPARISON



1

FIBER CEMENT CLADDING

4x Materials Required  
Compared to



INSULATION

ENERGY

WOOD STUD

4-5X MORE  
LABOR COSTS

Wood Sheathing REINFORCED

5

HEAT REFLECTIVE RADIANT BARRIER

4

NEOPOR BREATHABLE INSULATION

3

MOISTURE MANAGEMENT HOUSE WRAP

2

**YOU MUST COMPARE  
THE TRUE COST  
PER SQ. FOOT**

\* Product & Labor Cost Analysis Between Concrete Siding vs. ShieldCore™ Insulated Metal Siding \*

# WOOD SIDING COMPARISON



\* Product & Labor Cost Analysis Between Wood Siding vs. ShieldCore™ Insulated Metal Siding \*



# ONE-STEP INTERLOCKING THERMAL INSULATED METAL SIDING

Quick – Easy – No Hassle Installation





# COMMERCIAL FIRE RATED Aluminum Insulated Ribbed Corrugated Roof Panels

- Industrial Grade Insulated Technology Based Product -



ShieldCore™ Roofing Panels - Stronger. Smarter. Energy Savings by Design.

**FOREST  
GREEN**

**ANGEL  
WHITE**

**PITCH  
BLACK**

**COFFEE  
BROWN**

**DARK  
GRAY**

**5 STANDARD COLORS**

Container load quantities allow customers to order custom colors and custom roof panel lengths



- PIR (polyisocyanurate) Core
- Quick & Easy Install Process
- 36" Wide (37.4" Total) Panels
- 8', 12', 16', 24' Panel Lengths
- Finish Accessories Available



**Residential - Commercial**

**R12 + Value**

1.3/4" insulated core with ribbed corrugated exterior panels

**22 ga ≈ 0.030" inch**

high-heat-resistant aluminum exterior up to 1,200° melting Point

**"Best of Class"**

1.3/4" insulated PIR core with ribbed corrugated aluminum exterior



**PRICE QUOTES  
AVAILABLE ON REQUEST**



# Why ShieldCore™ Insulated 36” Roofing Panels

<b>1. Fire Rating</b> - Coml. Rated -	Fire-Resistant PIR Core with Euroclass B-s1,d0 reaction-to-fire rating combined with 22 ga ≈ 0.030” inch high-heat-resistant aluminum exterior delivers superior fire performance for <i>Residential, Commercial, and Light Industrial</i> applications.
<b>2. R-12 value</b>	1.3/4” insulated core with aluminum ribbed corrugated exterior 22-gauge casing
<b>3. Labor Cost</b>	60%+ faster installation = significant time and labor savings (count the layers)
<b>4. Markets</b>	Residential, Commercial, and Light Industrial
<b>5. Installation</b>	Interlocking Panel Design / Quick Connect
<b>6. Color Options</b>	Forest Green, Angel White, Pitch Black, Coffee Brown, and Dark Gray
<b>7. Custom Colors</b>	Only in Truckload or Container Qty / Call for Quote
<b>8. Panel Size</b>	36” inches wide Interlocking 1 3/8” overlap / Uncut 24’ ft. and 16’ Panel lengths
<b>9. Weight</b>	Approximately 3 lb. per lineal ft. (24’ = 96 lbs.) (16’ = 64 lbs.)
<b>10. Accessories</b>	Finish pieces available / Standard Color Options

**CUSTOM  
ORDERS**



MOLD RESISTANT



PEST RESISTANT



MOISTURE RESISTANT



FIRE RESISTANT



THERMAL EFFICIENT



**CONTACT US TODAY**

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