Watch it Work:
autoceil.com

AUTOMATED INSTALLATION SYSTEM

Virtually Installs Itself

Safer  Faster  Easier

• Automated Installation
• No Banding or Strapping
• No Bottom Side Ceiling Fasteners

• Significant Labor Savings
• Light Reflective Interior
• Highest Thermal Performance

featuring
OSHA Compliant Through Fall Protection

from the makers of the Simple Saver System®

800.255.0776 | thermaldesign.com
Automated Installation

From the floor level, installers operate secured winches to pull the ceiling sheet **UP** one wall, **ACROSS** the ceiling and **DOWN** the other wall. The AutoCeil™ sheet is positioned, tensioned and secured. Installers monitor the AutoCeil material as it is pulled across the bay. **Winches pull in ceiling sheet in minutes!**

**What is NoBS™ Technology?**

- No Banding or Strapping!
- No Bottom Side Ceiling Fasteners!
- No Facing Tab Sealing!
- No Raising the Roof!
- No Bottom Side Field Seams!
- No Exposed Purlins or Girts!
- No Stand-off Roof Clips Required!
- No Roof Spacer Blocks Required!
- No Rafter Brace Penetrations!
- No Problem Attaching to Struts!

Provides Labor and Equipment Costs Savings

Advanced Metal Building Design

AutoCeil requires ceiling support struts to transfer the rafter brace loads from the purlins to the struts. This design can reduce the weight of the purlins and rafters. This design results in less roof movement and wear.

Engineered support strut design facilitates:

- Increased construction speed
- Superior thermal performance
- Elimination of bracing to purlins
- Rapid installation of the AutoCeil sheet
- Higher quality finished structure
- Struts engineered for collateral loads

Provides Labor and Equipment Costs Savings
A single AutoCeil sheet is custom fabricated to fit rafter to rafter and span across up to 200 feet of building width and height down to the floor. Wider spans require a splice. Appearance superior to long tab and laminated metal building insulation.

**Superior Thermal Performance**
Achieve any desired thermal performance quickly, safely and inexpensively by creating the desired depth for full thickness thermal insulation. Purlins can be elevated to achieve additional depth.

- Eliminates through thermal bridges between rafters
- Conceals all conductive purlins and girts
- Vapor retarder and air barrier material
- Perforated ceiling sheet design also available
- Helps prevent condensation
- Achieve any desired installed R-Value
- Elevate purlins for more insulation space

A variety of insulation thickness combinations are available to reach desired thermal performance. Multiple layer insulation blankets are common, however fiberglass blowing wool can also be used. Other types of insulation may be used with approval.

**Least Possible Field Seams**
A single AutoCeil sheet is custom fabricated to fit rafter to rafter and span across up to 200 feet of building width and height down to the floor. Wider spans require a splice. Appearance superior to long tab and laminated metal building insulation.

**AutoCeil™ System Includes:**
AutoCeil sheet materials, AutoCeil winch rental, pull tubes, Compress-R angles, fasteners, sealants, insulation, installation drawings and instructions.

**Notice: No banding or strapping needed!**

Learn more at autoceil.com
AutoCell™ Specification

Sheet Material
AutoCell sheet is fabricated to fit each building bay including edge overlaps for sealing along the rafters and columns, plus up to 18 inches extra length.
• Fire Hazard Classification: Class A, Flame Spread: < 25 (ASTM E84)
• Perm Rating: < 0.02 grains/hr-sqft
• Air Barrier Material - ASTM E2178 Compliant
• Workability Temperature: -60°F
• Color: White. Other colors by special order.
• 5 Year Limited Material Warranty

Learn more at autoceil.com

Thermal Performance
AutoCell surpasses the newer, more stringent envelope code requirements prescribed within IECC and the ASHRAE 90.1 Standard for metal building roofs and walls. States are progressively updating their energy codes which AutoCell easily meets or exceeds. Contact Thermal Design for specific thermal performance information for all of your projects.

Notice: Thermal Design, Inc. reserves the right to change component specifications without notice. Go to thermaldesign.com for current published information. Any information contained in the most recent edition of published brochures on thermaldesign.com replaces and supersedes all previous editions.

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Call: 800-255-0776

AutoCeil™ Specification

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