

AIA CEU Seminars

ATAS International, Inc. is an AIA/CES provider offering four seminars worth credits:

- Understanding Metal Roofing (1 HSW in Sustainable Design hour & 1 CEH)
- Transpired Solar Collectors (1 HSW hour & 1 CEH)
- Energy Efficient Building Envelope Technology (1 HSW in Sustainable Design hour & 1 CEH)
- Test methods related to metal roofing- the test and the reality! (1 HSW hour & 1 CEH)

Qualified instructors conduct the seminars and encourage a question and answer session. Training may be held at an architect's office, an AIA chapter meeting, CSI chapter meeting or another convenient location.

If your office cannot hold a large group or you would like to combine the seminar with other firms, ATAS will rent at a hotel or other large gathering space to accommodate groups of 20 people and over.

Objectives

Understanding Metal Roofing

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ATA005

- Observe and recognize the history of metal roofing and the different types of metal used
- Explain the manufacturing process and the importance of finish coatings
- Describe the difference between low slope roof systems and steep slope roof systems
- Understand the environmental benefits, sustainable technology and the features of metal roofing

Transpired Solar Collectors

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ATA002

- Solar Heating and Fresh Air Ventilation System
- How Transpired Solar Collectors Function
- Wall Orientation, Components and Installation
- Features and Benefits of Transpired Solar Collectors during both Heating and Cooling Seasons

Energy Efficient Building Envelope Technology

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ATA004

- How metal cladding on roof and walls can contribute to a sustainable building initiative
- The concept and technology of a Building Integrated Photovoltaic System (BIPV), and how the Photovoltaic laminate uses sunlight to generate electricity
- The combination of solar reflectance and thermal emittance of Cool Metal Roofing and the concepts of Above Sheathing Ventilation, requirements for ENERGY STAR® qualified Roof Products, and view the results of a case study that lowered energy costs by using a Cool Roof
- The function of a Transpired Solar Collector, benefits during heating and cooling seasons, effects of wall orientation and results from the case study

Test methods related to metal roofing- the test and the reality!

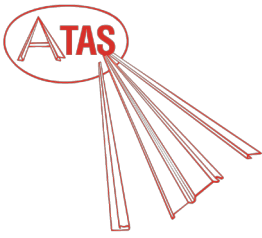
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ATA006

- Identify the types of metal roof panels and their performance capabilities and understand the test methods established for metal roof systems.
- Create specifications that identify the proper test methods to be included for the various roof products, styles and application.
- Recognize proper code requirements for metal roof systems.
- Discover how actual field performance of products relates to test methods and procedures.

When hosting a seminar, please complete the attached form and give it to your ATAS Representative.





ATAS International, Inc.

Your Single Source for Metal Roofing, Wall Panels,
Energy Efficient Build Envelope Technology and
Accessories since 1963

**Complete this form and give it to your ATAS Product Representative,
or fax it to Juanita Riepensell 610.395.9342**

Name of Firm: _____

Contact Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

Seminar Location: _____

Date Request: _____

Time Request: _____

Understanding Metal Roofing: _____ Yes _____ No

Transpired Solar Collector: _____ Yes _____ No

Energy Efficient Building Envelope Technology: _____ Yes _____ No

Test methods related to metal roofing- the test and the reality! _____ Yes _____ No

Number Attending: _____

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