

The American Institute of Architects Continuing Education System



AIA/CES Registered Provider Program Summary Handout

Provider: Duro-Last Roofing, Inc. **Program #:** STD008

Program: Cool Thermoplastic Roofing Systems for Sustainable Buildings

Length: 1.0 hour

Credits: 1.0 LU Hour **HSW:** Yes **SD:** Yes

Description:

A summary of performance characteristics of thermoplastic roofing systems and review of results from infrared case studies done on reflective roofing products. Emphasizes thermoplastic roofing as a component of sustainable high performance buildings and highlights some of the areas where they may help with LEED certification. Provides a sample calculation of cool roofing energy savings utilizing an on-line calculator.

Learning Objectives:

At the end of this program participants will: 1) be able to summarize the characteristics of thermoplastic single-ply roofing and compare and contrast PVCs and TPOs; 2) recognize the major attributes of cool roofing; 3) understand how cool roofing plays an important role in sustainable building design; 4) identify some of the key criteria to consider when selecting a roofing system for high performance buildings.

How taught:

Utilizing a PowerPoint presentation, heat gain demonstration kit and blinded material samples the presenter will guide the participants through the information, describe the differences in roof membranes and demonstrate the performance of cool roofing.

A/V needed:

Electrical power and a screen for the PowerPoint presentation. (The facilitator may provide a laptop and projector if not available on-site.)

Target Audience:

Architects, engineers, specifiers, facility managers, contractors, or other design and construction professionals. Any size group may be accommodated. The experience level beginner to intermediate.

Facilitator Qualifications:

All Duro-Last presenters are trained in the CES guidelines and presentation skills in addition to the training and expertise they have in the subject area specific to the program.

Costs: No Charge.

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