



# BPU

## BUILDING PRODUCTS UNIVERSITY

**When It Comes To Roofing,  
We Help You Stay On Top.**

### Indianapolis Campus:

Firestone Technology Conference Center • 525 Congressional Boulevard, Carmel, IN 46032

### Las Vegas Campus:

Firestone BPU Conference Center • 4272 Corporate Center Drive, North Las Vegas, NV 89030

### National Accounts Meeting Dates

Three Day BPU	Las Vegas	March 24–26, 2009
Three Day BPU	Carmel	April 27–29, 2009
Three Day BPU	Carmel	September 14–16, 2009
Three Day BPU	Las Vegas	October 13–15, 2009
Three Day BPU	Carmel	November 2–4, 2009

### Designing Roofs

- Rooftop Safety • Analyzing & Evaluating • Polyiso • EPDM • Thermoplastic Roofing
- Asphalt Roofing • Metal Roofing • Roofing Maintenance • Roofing Warranties





# ***KNOWLEDGE is Your Most Important Roofing Tool.***

Discover Building Products University – your source for comprehensive knowledge on the latest roofing solutions available. From roofing systems, materials and components, to elements of design, maintenance and more, we help keep you on top of all your roofing projects.

## **WHAT IS BUILDING PRODUCTS UNIVERSITY?**

Firestone's Building Products University is an educational resource for a wide range of roofing issues. Our seminars are designed to include classroom activities, discussion, and question-answer periods, to help you make highly-informed roofing decisions.

## **WHO SHOULD ATTEND?**

If you're involved in roofing decisions, Building Products University is designed for you. Because architects, consultants, and building owners play critical roles in selecting roofing systems they continue to find Building Product University invaluable in their work.

## **WHAT IS COVERED DURING THE SEMINAR?**

Our presentations cover a wide spectrum of important roofing issues. Roof Design, Insulation, Maintenance, System Affixment, Warranty Considerations, Contractor Selection – these are only a few of our most popular topics. Because discussion and question-answer periods are a big part of our program, you're assured your specific needs will get the personal attention they deserve. A more in-depth look at the programs is included on the next page.

## **WHAT IS THE COST OF THE PROGRAM AND WHAT DOES IT COVER?**

Tuition for the three-day seminar is \$50 per person. This fee includes all training materials, transportation to and from the airports, lodging, and meals, (including all taxes and gratuities) for all participants. You will be responsible for your transportation to and from Indianapolis or Las Vegas, any incidental charges during your stay, and any additional nights required for an extended stay.

## **HOW DO I ATTEND?**

Select the seminar date you'd like to attend from the schedule, complete the information on the back page and send it to us. We will send your confirmation by email. Classes fill up fast, so register soon! You can also register online – it's the fastest method to reserve your place at this dynamic seminar.

## **WHAT ABOUT TRAVEL ARRANGEMENTS?**

Please let us know your travel plans, including complete flight itinerary, and we'll arrange for your transportation to and from the airport. Registration starts at 11:00 a.m. the first day of the seminar, so please plan accordingly. Please schedule your return flight to depart after 5:30 p.m. on the last day of the seminar, to allow time for transport to the airport.

Be sure to bring comfortable casual clothes for classroom sessions. Business attire is appropriate for dinner on Tuesday and Wednesday evening. We will provide binders, notebooks, and all classroom materials.

## **SEMINAR TOPICS**

### **Basic Roofing: A Selection Process**

A review of the types and physical properties of both single-ply membranes and asphalt /modified roofing systems, plus "how to" pointers to help you evaluate and install them. Included is an overview of roofing insulation.

### **Do I Need A Roof?**

A practical needs assessment in analyzing and evaluating your building roofing needs.

### **Roofing System Affixment Design Criteria & Methods**

A review of essential design criteria and methods of attaching a roofing system to the deck, substrates and terminations.

### **Roofing Design Considerations**

A comprehensive discussion of the basic elements of roof design and how each contributes to the selection of a proper system.

### **Designing Roofs for Optimal Service**

A discussion of vital factors that will impact the long-term performance and maintenance of your roof.

### **Why Insulation?**

A detailed look into the critical functions of insulation: as a substrate, part of the thermal envelope, and as a provider of the necessary slope to drain water. We will also review energy code requirements and other occupancy needs.

### **Insulation Descriptions and Comparisons**

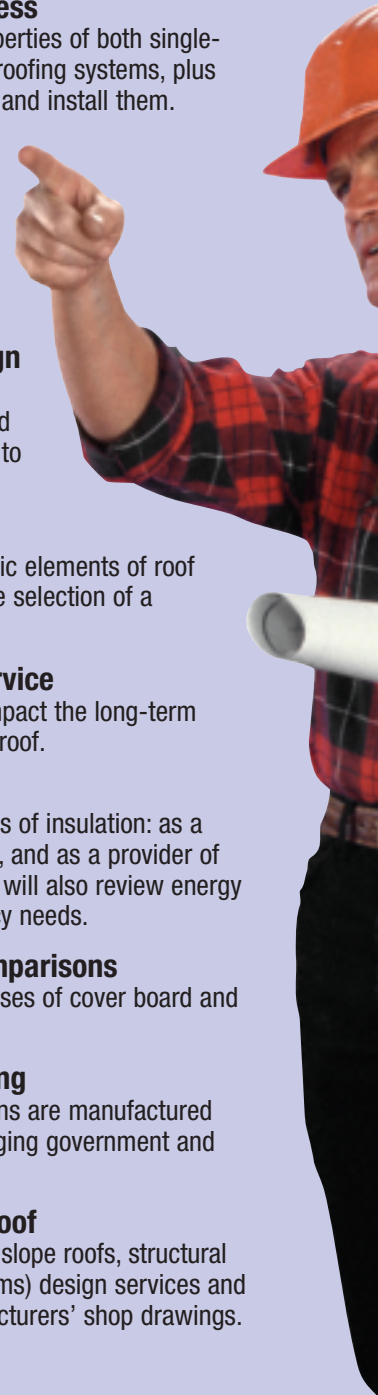
A review of the strengths and weaknesses of cover board and thermal insulation.

### **Thermal Insulation Manufacturing**

A demonstration of how foam insulations are manufactured and a general discussion on how changing government and environmental issues may affect you.

### **Proper Drainage for a Lasting Roof**

A review of code requirements for low-slope roofs, structural slope and retrofit slope (Tapered Systems) design services and capabilities, plus the impact of manufacturers' shop drawings.



## Life Safety Issues Involving Steel Decks and Roof Insulation

An in-depth discussion on life safety issues that building owners and specifiers need to know.

## Asphalt Roofing Systems

An examination of the use of asphalt spanning from more than one hundred years ago to the present day. This includes an emphasis on the development and growth of modern polymer modified asphalt technology together with new system designs.

## EPDM Single Ply Membrane

The expanding growth of EPDM single plies can be directly correlated to system and product enhancements that have improved the performance of the systems. These enhancements have attracted professional contractors due to the economics of installing the elastomeric single plies. The benefits to building owners also include their proven long-term performance and low life-cycle cost.

## Thermoplastic Roofing

An in-depth discussion of the PVC and TPO market, products, and industry issues within this rapidly growing segment of low-slope commercial roofing.

## Ongoing Roofing Maintenance

A discussion on industry views of maintenance and critical ties to the original system design. We'll also cover the importance of proactive inspections to reduce life-cycle costs and ensure your roof maintains its optimum condition.

## Warranty Limits and Conditions

A discussion of typical roof warranties, their true intent, how to maximize their value, and what actions to take for leaks and/or severe weather.

## LEED® Garden Roofs and PV

A discussion about LEED points and roofing, the components of garden roofing and their impact on the building, and Photo Voltaic (PV) systems and how they work with roofing.

**Have questions? Call us at  
(800) 428-4442**

**REGISTER ONLINE FOR FREE TUITION  
[www.firestonebpco.com](http://www.firestonebpco.com)**

# 2009 SEMINAR SCHEDULE

## DAY ONE

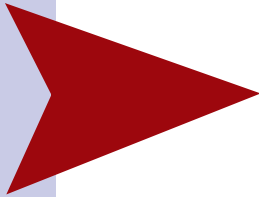
11:00 – 11:30	Registration at Conference Center
11:30 – 12:00	Lunch at Conference Center
12:00 – 12:45	Welcome & Introduction
12:45 – 1:45	Basic Roofing: A Selection Process
1:45 – 2:30	I Need a Roof
2:30 – 3:30	System Affixment Methods
3:30 – 4:30	Roofing Design Considerations
4:30 – 5:30	Designing Roofs for Optimal Service
6:00 – 6:30	Reception at Hotel
6:30 – 7:30	Dinner at Hotel

## DAY TWO

7:00 – 8:00	Breakfast
8:00 – 8:30	Why Insulation
8:30 – 9:15	Insulation Descriptions and Comparisons
9:15 – 10:00	Thermal Insulation Manufacturing
10:00 – 10:45	Proper Drainage for a Lasting Roof
10:45 – 11:30	Life Safety Issues/Steel Decks & Roof Insulation
11:30 – 12:30	Lunch at Conference Center
12:30 – 3:00	EPDM Single Ply Roofing
3:00 – 5:30	Thermoplastic Roofing
6:00 – 6:30	Reception at Hotel
6:30 – 9:00	Dinner

## DAY THREE

7:00 – 8:00	Breakfast
8:00 – 9:45	Bitumen Roofing
9:45 – 11:30	Asphalt Roofing
11:30 – 12:30	Lunch at Conference Center
12:30 – 2:30	Metal Roofing
2:30 – 3:30	Roof Maintenance Warranty Limits & Conditions
3:30 – 4:30	LEED, Garden Roofs & PV
4:30 – 5:30	Wrap-up/Questions



**You may register online at [www.firestonebpco.com](http://www.firestonebpco.com)  
or by faxing this form to: (317) 853-3163**

**NAME:** \_\_\_\_\_

**COMPANY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY/ST:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_

**FAX:** \_\_\_\_\_

**EMAIL:** \_\_\_\_\_

**REQUESTED CLASS:**  March 24–26 Las Vegas       April 27–29 Indianapolis  
 September 14–16 Indianapolis     October 13–15 Las Vegas  
 November 2–4 Indianapolis

**BPU ALUMNI COMMENTS**

**Vancouver, BC Architect:** *“Excellent presentation by dynamic individuals, well worth the time.”*

**Dallas, TX, Building Owner:** *“The most informative seminar I’ve been to in 12 years. Great job!”*

**Indianapolis, IN Architect:** *“It became very obvious in a very short period of time that I needed to update my specifications and increase my commercial roofing knowledge. I highly recommend BPU to all design professionals.”*

All Building Products University classes will be conducted at:

**Indianapolis Campus:** Firestone Technology Conference Center, 525 Congressional Boulevard, Carmel, IN 46032

**Las Vegas Campus:** Firestone BPU Conference Center, 4272 Corporate Center Drive, North Las Vegas, NV 89030

Tuition for this three-day seminar is \$50. All lodging, classroom materials and local transportation is included with this fee. Make checks payable to Firestone Building Products. Maximum attendance is 30 individuals per session. Waiting lists are available.

You can register as follows:

**By fax:** (317) 853-3163    **By e-mail:** [bpu@firestonebp.com](mailto:bpu@firestonebp.com)    **By phone:** (800) 428-4442 ext. 57029

**By mail:** Building Products University, Firestone Building Products, 250 W. 96th Street, Indianapolis, IN 46260



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