



The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout

Provider:	BPB America Inc.	Length:	1.0 hour
Provider No.:	J624	Credits:	1.0 LU
Program:	Fire-Resistant Ceiling and Wall Assemblies	HSW:	Yes
Program #:	AEC 041		

Description: Provides an overview of fire-resistant ceiling and wall assemblies, including ASTM and UL standards, design considerations, installation, and performance characteristics of ceiling panels, wall panels and suspension systems.

Learning Objectives: Upon completing this course, you will have a better understanding of:

- The fire resistive properties of regular, Type X, and Type C gypsum board
- Concepts and terminology related to fire-resistance testing and standards
- How to design fire-resistant walls, floors, ceilings, and column assemblies
- Typical construction details for fire-resistant area separation wall assemblies
- Additional design considerations, such as moisture- and impact-resistance
- Key specification issues related to fire-resistant ceiling and wall assemblies

How Taught: Visit BPB's Continuing Education website at http://www.us.bpb-na.com/on-line_learning.html or visit aecdaily.com.

A/V Needed: Not applicable

Target Audience: Architects, specifiers, owners and other design professionals in the commercial building market. The program is designed as a individual course to be taken at user's convenience.

Facilitator's Qualifications: Douglas C. Gehring, P.E. is the Director of Marketing Technical Services for BPB America Inc. BPB is the largest gypsum board manufacturer in the world. Doug has been in the building materials industry for 30 years. Formerly with the Celotex Corporation and with BPB since the July 2000 acquisition. Doug is responsible for acoustical ceiling and gypsum board products and system technical support in the U.S. He also assists in the development of marketing and technical literature for the BPB product lines. He is an active member of ASTM E-33 on Environmental Acoustics and the CISCA Seismic Committee. He is a graduate of the University of South Florida with a Bachelor's Degree in Mechanical Engineering and a registered professional engineer in the State of Florida.

Cost: BPB sponsors this online learning course and is offered at no cost to you.

Local Contact:

BPB America Inc.

Douglas C. Gehring, P.E.
Director, Marketing Technical Services

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AIA/CES Registered Provider Program Summary Handout

Provider:	BPB America Inc.	Length:	1.0 hour
Provider No.:	J624	Credits:	1.0 CEU
Program:	Acoustical Ceilings and Wall Systems	HSW:	Yes
Program #:	AEC005		

Description: Explore the manufacturing methods, materials and applicable ASTM Standards that will enhance understanding of aesthetic, acoustical, and budgetary issues of acoustical ceiling and wall systems.

Learning Objectives:

- Analyze and identify the appropriate ceiling and wall solutions for various applications
- Understand the relationships of the acoustical products to the interior environment
- Realize how different materials and manufacturing methods affect aesthetics, acoustics and budgets.

How Taught: Visit BPB's Continuing Education website at http://www.us.bpb-na.com/on-line_learning.html or visit aecdaily.com.

A/V Needed: Not applicable

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Gypsum Wall Assemblies

from BPB



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AIA/CES Registered Provider Program Summary Handout

Provider:	BPB America Inc.	Length:	1.5 hour
Provider No.:	J624	Credits:	1.5 LU
Program:	The Science of Specifying Moisture & Mold Control in Framed Wall Assemblies	HSW:	Yes
Program #:	AEC023		

Description: Provides an overview of building envelope science, including principles of design, construction considerations, types of framed wall assemblies and advantages and disadvantages of various wall sheathing substrates.

Learning Objectives:

- Fundamental principles of building envelope design
- Relative humidity, dew point, air and heat flow
- Relationship between climate zones and construction
- Design considerations for exterior framed walls
- Moisture control, mold control and wetting strategies
- Types of wall assemblies and sheathing substrates

How Taught: Visit BPB's Continuing Education website at http://www.us.bpb-na.com/on-line_learning.html or visit aecdaily.com.

A/V Needed: Not applicable

Target Audience: Architects, specifiers, owners and other design professionals in the commercial building market. The program is designed as a individual course to be taken at user's convenience.

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AIA/CES Registered Provider Program Summary Handout

Provider:	BPB America Inc.	Length:	1.0 hour
Provider No.:	J624	Credits:	1.0 LU
Program:	Sound Control and Acoustics for Architects	HSW:	Yes
Program #:	AEC040		

Description: Provides an overview of sound control and acoustics including ceiling attenuation, speech privacy, and open plan acoustics, along with a discussion of acoustical ceiling and wall systems for commercial applications.

Learning Objectives:

- Importance of designing for sound control
- Basic concepts related to sound control and acoustics
- Common acoustical measure (NRC, AC, CAC)
- Calculating sound absorption required for a space
- Performance characteristics of acoustical ceilings
- Specifying acoustical ceiling and wall systems

How Taught: Visit BPB's Continuing Education website at http://www.us.bpb-na.com/on-line_learning.html or visit aecdaily.com.

A/V Needed: Not applicable

Target Audience: Architects, specifiers, owners and other design professionals in the commercial building market. The program is designed as a individual course to be taken at user's convenience.

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The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout



Provider: BPB America Inc.	Program No.: CEL002
Provider #: J358	Length: 1 Hour
Program: Architectural Overview of Acoustical Ceiling and Wall Systems	Credits: 1 LU
	HSW Credit: Yes

Description: An interactive presentation of manufacturing methods, materials, and applicable ASTM Standards that will enhance understanding of aesthetic, acoustical, and budgetary issues.

Learning Objectives: By the end of this program, the participants will be able to:

- Analyze and identify the appropriate ceiling and wall solutions for various applications
- Understand the relationships of the acoustical products to the interior environment
- Realize how different materials and manufacturing methods affect aesthetic, acoustical, and budgetary issues
- Understand applicable ASTM Standards

How Taught: Through interactive case study review, with support from audio/visual aids, using a PowerPoint presentation, the facilitator reviews common material types available within the industry and related construction standards. The facilitator encourages participant interaction with practical application examples.

A/V Needs: Electrical power access and a screen or wall.

Target Audience: Architects, Specifiers, and Design Professionals having direct responsibility for the specification or selection of acoustical products.

Facilitator Qualifications: BPB America Inc. facilitators' experience is comprised of acoustical training at both the manufacturing and field levels.

Cost: There is no charge to bring this program into a firm.

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AIA/CES Registered Provider Program Summary Handout



Provider:	BPB America Inc.	Length:	1 Hour
Provider #:	J358	Credits:	1 LU
Program:	Creative Interiors	HSW Credit:	Yes
Program #:	CEL003		

Description: Acoustical systems, energy efficiency, codes and regulations, building design and materials, and environmental issues.

Learning Objectives: Each participant will learn: the four noise factors the difference between mineral, high performance and gypsum ceilings the concept of "checkerboarding" and how it can acoustically customize an environment.

How Taught: Computer software, program handouts, product samples, Powerpoint presentation.

A/V Needs: Electrical power access and a screen or wall.

Target Audience: Architects, Specifiers, and Design Professionals having direct responsibility for the specification or selection of acoustical products.

Facilitator Qualifications: BPB America Inc. facilitators' experience is comprised of acoustical training at both the manufacturing and field levels..

Cost: There is no charge to bring this program into a firm.

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Provider:	BPB America Inc.	Length:	1.5 hour
Provider No.:	J358	Credits:	1.5 LU
Program:	The Science of Specifying Moisture & Mold Control in Framed Wall Assemblies	HSW:	Yes
Program #:	CEL005		

Description: Provides an overview of building envelope science, including principles of design, construction considerations, types of framed wall assemblies and advantages and disadvantages of various wall sheathing substrates.

Learning Objectives:

- Fundamental principles of building envelope design
- Relative humidity, dew point, air and heat flow
- Relationship between climate zones and construction
- Design considerations for exterior framed walls
- Moisture control, mold control and wetting strategies
- Types of wall assemblies and sheathing substrates

How Taught: PowerPoint presentation.

A/V Needed: Electrical power access and a screen or wall.

Target Audience: Architects, specifiers, owners and other design professionals in the commercial building market. The program is designed as a individual course to be taken at user's convenience.

Facilitator Qualifications: BPB America Inc. facilitators' experience is comprised of acoustical training at both the manufacturing and field levels.

Cost: There is no charge to bring this program into a firm.

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