

# Gypsum Wall Assemblies

from BPB



## The American Institute of Architects Continuing Education System

### AIA/CES Registered Provider Program Summary Handout

|                      |  |                 |                 |
|----------------------|--|-----------------|-----------------|
| <b>Provider:</b>     | <b>BPB America Inc.</b>  | <b>Length:</b>  | <b>1.5 hour</b> |
| <b>Provider No.:</b> | <b>J624</b>  | <b>Credits:</b> | <b>1.5 LU</b>   |
| <b>Program:</b>      | <b>The Science of Specifying Moisture &amp; Mold Control in Framed Wall Assemblies</b> | <b>HSW:</b>     | <b>Yes</b>      |
| <b>Program #:</b>    | <b>AEC023</b>  |                 |                 |

**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](http://www.us.bpb-na.com/on-line_learning.html) or visit [aecdaily.com](http://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:

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