

**LENGTH:** 1 Hour

**CREDITS:** 1

**HSW:** Yes

**DESCRIPTION**

This course focuses on gypsum products manufactured with fiberglass facing which replaces the paper facing typically used on gypsum board. These products are regarded as “high performance” due to their superior weather resistance, superior fire resistance, superior mold resistance, and superior strength. Four common product types include panels manufactured for:

- 1) Exterior wall sheathing
- 2) shaft liner / area wall separations
- 3) Interior exposed conditions
- 4) Tile backer boards

The presentation will first address the high performance characteristics of fiberglass faced gypsum products. It will then look at the basic applications, attributes, advantages, and limitations of each of the four common product types. By understanding the nature of these different products, specifications and drawing details can be properly prepared for successful use in buildings.

**LEARNING OBJECTIVES**

- Identify the characteristics of high performance gypsum panels related to moisture, mold, fire resistance, and exposure.
- Recognize products available with high performance properties including exterior sheathing, shaftliner, interior panels and tile backer panels.
- Determine the appropriate use of high performance fire rated separation systems at shaft enclosures and separation walls.
- Assess the use of high performance gypsum panels for exposure conditions in extreme interior applications.
- Appraise the situations where tile backer board is appropriately used both with and without a tile finish.
- Compare the unique applications and benefits for each product category.

**HOW TAUGHT**

The facilitator utilizes a PowerPoint presentation. Samples, test data and exercises are used based on the topic of discussion. The program concludes with an optional ten question quiz.

**A/V NEEDED**

Electrical power and a screen for the PowerPoint presentation.

**TARGETED AUDIENCE**

Architects, Specification Writers, Design Professionals, Facility Managers, School Boards, Architecture and Design Students, Building Owners, etc. The ideal audience size can be one-on-one or over 50. This program meets every experience level with time designed into the program for questions and answers.

**FACILITATOR QUALIFICATIONS**

National Gypsum Certified Presenters only.

**COST**

There is no cost to bring this program into your firm or chapter.

**OTHER**

NGC offers Certificates of Participation for reciprocating association members.

**CONTACT**

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