

Course Title:

Architectural Fire-rated Glazing: An Application Guide

Course Description:

Health, safety, and welfare remain a fundamental aspect of building design practices. Incorporating fire-rated glass products provides creative design options while adhering to current model building codes. The new generation of fire-rated products is available in larger sizes that can withstand a fire for longer periods of time, and many fire-rated products can provide high impact safety rating, solar control, sound reduction, bullet resistance and hurricane impact safety, to name only a few multi-functional features. This course will define categories of fire-rated glass products, as well as the related test standards and current building code requirements for specifying architectural fire-rated glazing.

Learning Objectives:

1. Discuss the evolution of fire-rated glass and how modern non-wired glass products can improve fire and impact safety.
2. Define the methods of heat transfer and how these can affect building occupants.
3. Compare and contrast the characteristics of Fire-Protection-Rated and Fire-Resistance-Rated glazing products.
4. Explain codes and testing standards for fire and impact safety of fire-rated glazing.

Credit Information:

AIA Provider Number: K029

AIA Course Number: Vetrotech813

AIA Credit: 1 LU /HSW

Corporate Information:

SAINT-GOBAIN NORTH AMERICA HQ

750 E. Swedesford Road

Valley Forge, PA 19087

<http://www.saint-gobain-northamerica.com>

VETROTECH SAINT-GOBAIN INTERANTIONAL AG

Bernstrasse 43

CH – 3175 Flamatt

<http://www.vetrotech.com>