



AIA Continuing Education System

Franklin International Registered Provider Program Summary Handout

Provider: **Franklin International**
AIA Course Number: **IF107A**

Length: **1 Hour**

Credits: **1 AIA HSW CE Hour**

Course Title: **Using Elastomeric Hybrid Construction Sealants for Dynamic Joints: Merging the Strengths of Silicones and Polyurethanes**

Description

In this one hour course, we will compare and contrast various types of joint sealants with a focus on two hybrid silane terminated sealants and determine how a sealant should be selected for specification through a review of various project applications. We will also discuss compliance with ASTM C920 and associated testing and ratings.

Learning Objectives

Upon completion of this course, the design professional will be able to:

1. Understand the general performance properties needed for compliance with ASTM C920, the standard for elastomeric sealants
2. Analyze the basics of how substrate types and anticipated movement can be used for properly selecting a sealant
3. Identify the primary sealant chemistry types and compare their advantages and limitations in regards to application, performance and longevity characteristics
4. Understand the two types of hybrid silane terminated sealants (STPE and SPUR) and explain how their performance characteristics and low environmental impact can provide properties which combine the strengths and limit the deficiencies of traditional silicones and polyurethanes

Method of Delivery

The course is offered to design professionals in a live setting.

For more information please contact

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