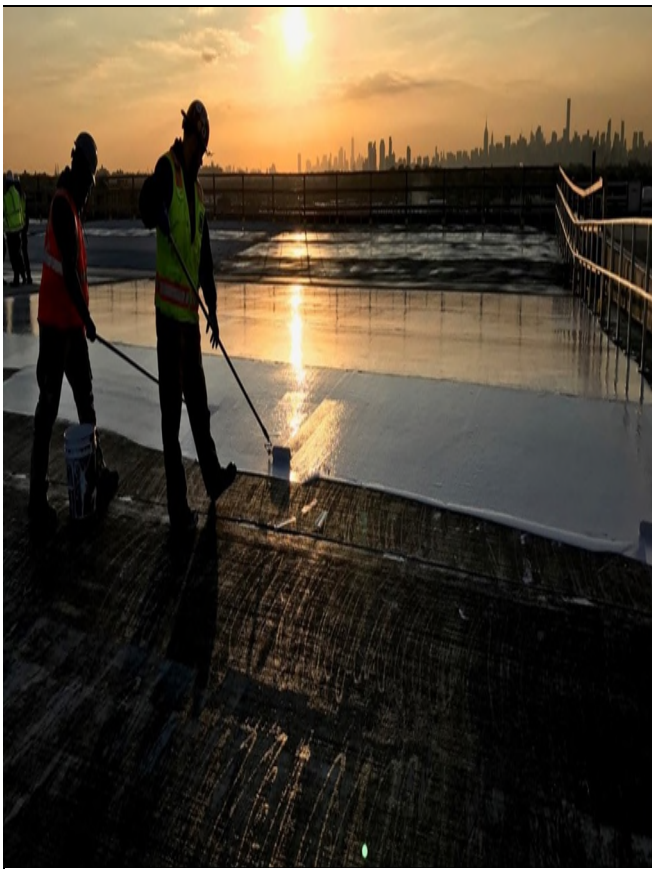


# CONTINUING EDUCATION COURSES FOR ARCHITECTS AND ENGINEERS

## FLUID APPLIED ROOF MEMBRANES

Owners look to roofing professionals to provide solutions that meet their short and long term roofing needs. Fluid-Applied Roofing Coatings offers a new generation of sustainable solutions. This course illustrates the different options building owners, specifiers, and applicators have available in today's marketplace. We will also address typical types of structures, roof substrates, and the various technologies available along with warranty options.



### LEARNING OBJECTIVES

- At the end of this program, participants will be able to:
1. Understand the definition of fluid-applied roofing
  2. Understand the differences between a coating and a fluid-applied roofing system
  3. Identify different types of fluid-applied coatings, their advantages and disadvantages, and appropriate use
  4. Describe appropriate substrates and the necessary surface prep methods
  5. Understand how fluid-applied membranes contribute to sustainable construction
  6. Identify warranty options for fluid-applied roofing

### CONTINUING EDUCATION

CREDITS: AIA: 1 LU/1 HSW

COURSE NUMBER: ROOF102

PREREQUISITE: NONE

PROGRAM LEVEL: INTRODUCTORY AIA

Expiration Date: **09/26/2027**



## TRAFFIC BEARING SYSTEMS IN TODAY'S MARKET: WATERPROOFING AND PROPER DESIGN

Water-related problems and the resulting corrosion can be costly and dangerous for a building. Basics of Waterproofing offers an understanding of the corrosion process and how it affects concrete. It focuses on the effect weather plays on the installation of a waterproofing membrane and factors to consider. We will also address why a waterproofing system is important to install on a concrete parking deck or pedestrian walkway, as well as important details to consider for the installation of a successful waterproofing membrane.



### LEARNING OBJECTIVES

At the end of this program, participants will be able to:

1. Understand the corrosion process and how it effects concrete
2. Understand the impact of construction type on waterproofing systems
3. Understand the various options of traffic coatings with advantages/disadvantages
4. Review of Proper Design
  - A) Understanding the Issues
  - B) Design to Meet Service Needs
  - C) Maintenance

### CONTINUING EDUCATION

CREDITS: AIA: 1 LU/1 HSW

COURSE NUMBER: WATPRF102  
PREREQUISITE: NONE  
PROGRAM LEVEL: INTRODUCTORY  
AIA Expiration Date: **07/28/2025**



## BASICS OF FLOORING

Polymer Flooring Coating Systems provide architects and designers with an abundance of design options while providing long-lasting durability. While the appearance of the floor is important, in this course equal emphasis is placed on surface preparation and installation requirements. A detailed discussion focuses on the selection criteria for the flooring that takes into consideration the building operation, aesthetics, and wearing condition requirements for the floor as well as the chemicals used to maintain the longevity of the floor and the pitfalls of using inappropriate chemicals.

### LEARNING OBJECTIVES

At the end of this program, participants will be able to:

1. Understand the markets where polymer floor coating systems are installed
2. Identify concrete design considerations
3. Surface preparation for polymer coatings on concrete
4. The basic components of a floor coating system
5. Flooring selection criteria considering the operation, aesthetics and wearing conditions of your floor

### CONTINUING EDUCATION

CREDITS: AIA: 1 LU/1 HSW

COURSE NUMBER: FLR102

PREREQUISITE: NONE

PROGRAM LEVEL: INTRODUCTORY

AIA Expiration Date: **10/01/2027**

