



Resilient 101

IDCEC# 125177 Designation – HSW

AIA# RF101 Designation - HSW

Credits: 1.0 CEU, 1 LU

This course provides a focused introduction to resilient tile and plank flooring, explaining how gloss, embossing, topcoats, wear layers, core construction, and color influence durability, safety, aesthetics, and long-term performance in commercial spaces.

Participants will learn the differences between major product platforms and understand key performance tests that evaluate indentation resistance, chemical resistance, fire performance, and slip resistance. The course also covers essential installation and maintenance considerations that affect product longevity and occupant well-being. By understanding these technical factors, specifiers can make informed decisions that support healthier, safer, and more resilient built environments.

Course Objectives:

1. Participants will be able to identify the functional components of resilient tile and plank flooring—including gloss levels, embossing, topcoat, wear layer, core construction, and product platforms—and explain how each contributes to durability, safety, longevity, and overall performance in the built environment
2. Participants will learn to evaluate resilient flooring products using key performance tests (ASTM F970, F1914, F925, E648, D2047).
3. They will learn to apply the performance tests to ensure that specified materials support occupant safety, limit fire/smoke spread, reduce slip hazards, and withstand environmental and operational demands.
4. Participants will be able to assess installation and maintenance requirements for resilient flooring to ensure proper substrate conditions, minimize risk of trip/fall hazards, enhance indoor environmental quality, and extend the service life of the product, contributing to healthier, safer spaces.

