



UNDERSTANDING RADIANT FLOOR HEATING

Our AIA approved Continuing Education course qualifies for 1 HSW or LU credit.

Course Number: RDT101

Summary

This course will teach the benefits of radiant heat to an architect's practice and the clients they serve. It will update you on the new technologies in radiant and include a historical overview, the physics of radiant heat, how it integrates with building systems, and how it effects energy flow through the project.

HSW Justification

- ▶ Architects will better understand the importance of radiant heat and how it affects many aspects of life
- ▶ Occupant comfort and satisfaction increased dramatically with room-by-room temperature control
- ▶ Silent system operation reduces ambient noise and improves sleep conditions
- ▶ Air quality is improved through the reduced spread of dust, pollen and airborne viruses
- ▶ Radiant heat can reduce energy use by 25% or more

All of these factors combine to create a situation in which an occupant is saving energy, living healthier, and remaining more relaxed and comfortable.

Learning Objectives

- 1 The origins of radiant floor heating, from its ancient beginnings to modern day approaches
- 2 The science behind radiant floor heating and the physics showing its effectiveness in many applications
- 3 Understanding the bigger picture of indoor comfort through energy flows
- 4 How modern radiant applications can be integrated into architecture