HEALTHY AND SUSTAINABLE GREEN BUILDINGS WITH PORCELAIN TILE

Course Description

Porcelain tile has been the preferred choice around the world for centuries for its inherent beauty, durability, and abundance of the natural materials used to create it. The endless design options can make each installation a unique work of art to be enjoyed for generations. Since sustainability has become a fundamental consideration for consumers and architects, green building programs have been put in place to verify which buildings and projects meet specific sustainable design goals. The materials used in these buildings are an important part of the environmentally friendly design as they can contribute to energy efficiency of the building as well as indoor air quality. Porcelain tiles, as shown in this course, are a great choice not only for aesthetics, but also for the contribution they give to the design of an environmentally friendly building.

Learning Objectives

1. Understand the standards regarding Leed V4 and Information on Green Square
2. Understand why porcelain tile can be beneficial to occupant comfort and health by learning how porcelain tiles can provide great indoor air quality because of its zero VOCs, zero Formaldehyde and zero PVC.
3. Understand how porcelain tiles can contribute to the energy efficiency of the building by demonstrating that porcelain tile can reduce the amount of energy needed for heating and cooling because of its exceptional thermal mass
4. Understand how the porcelain tile productive process can contribute to a sustainable green environment