

AIA CES COURSE

Cork as a Sustainable Building Material

DETAILS

Credit: 1 AIA LU/HSW

Course #: ESC002

AIA Member #: 38836605

Provider: Eco Supply

COURSE DESCRIPTION

Learn how cork insulation came to be, and the history of its use in building from the 19th & 20th centuries to present day. This course will review the environmental benefits, the energy and performance benefits, and the extremely broad range of applications for cork in modern building design.

HSW JUSTIFICATION

Cork insulation and facade are carbon negative, self-extinguishing Class B fire rated, and have no binders, glues, or VOC's. They promote indoor air quality, and sequester carbon when in tree form. The cork oak trees are sustainably harvested, with a single tree producing cork material for over 250 years. The cork insulation and facade materials are Red List Free.

LEARNING OBJECTIVES

Sustainability: Learn the environmental benefits of using cork as a carbon negative building material through the processes of farming/biodiversity, harvesting, production, and shipping.

Range of Applications: Learn the broad range of applications for cork materials in modern building through images and case studies; as well as the different types and forms in which cork is available.

Performance: Learn the performance benefits of cork in terms of energy savings, thermal delay, air quality, and durability.

Acoustics: Learn the benefits of using cork for sound attenuation.

