



GRIDWORX®

The Evolution of Mechanical Stone Cladding Systems AIA Course number 404108148

This course material is presented in a fast paced, informative and entertaining documentary movie fashion.



Trace the evolution of stone cladding.
Explore the different methods of this type of construction

Learn about the general economics surrounding stone cladding.

Get a first hand look at the development guidelines for evaluating different stone cladding systems.

Learning Objective 1

Developmental History

This course begins by tracing the development of stone cladding systems from the Imperial Roman Empire through present day.

It offers a general understanding of the developmental progress of thin stone construction.

Distinctions are made emphasizing the benefits provided by the development of higher quality special use materials combined with contemporary engineering applications.

Learning Objective 2

Types and Methods

Upon completion the viewer should have a general understanding of thin stone cladding methods.

This covers basic terms and techniques as well as systems distinctions and advantages/disadvantages.

Learning Objective 3

Economics

Building with thin stone is efficient and therefore cost effective. Generally the breakdown in most projects is materials = 1/3 while labor = 2/3 of project cost.

Efficiencies in the labor component become more meaningful than cost reductions in materials.

The viewer will learn effective project cost efficiencies delivered with thin stone cladding.

Learning Objective 4

How to Evaluate Mechanical Stone Cladding Systems

With hundreds of proprietary cladding systems in the market, what should one look for?

The viewer will participate in a comprehensive review of integrated construction material packages and installation methods. This will include an emphasis on the importance of design and engineering services and manufacturer's product support.