

INSTRUCTOR BACKGROUND

- B.S. in Civil Engineering
- Design and Forensics
- Professional Engineer

 —In Florida, 20 other states, and the island territory of Guam
- ASTM C-11
- Florida Lath and Plaster Bureau

NELSON

Forensic Engineering and Technology Team NAE

- Engineering and Forensics
 - Experts in Structural, Civil, Electrical, and Mechanical Engineering
- Forensic Architecture
 - Building Enclosures
 - Field Testing and Investigation

NELSON ACCITECTURAL ENGINEERS INC.

BASIC DEFINITION • Exterior application of full thickness Portland cement-based plaster

Stucco Exterior app

BASIC DEFINITION

- Exterior application of full thickness Portland cement-based plaster
 - Exterior
 - Full thickness
 - Plaster

NELSON ACCITACIONAL PROPERTIES



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Stucco TRADITIONAL STUCCO
Cementitious LayersReinforcingTrim Accessories
NELSON

Stucco NON-STUCCO VENEERS • EIFS • Insulating foam panels • Thin finish • Veneer or accent features





Stucco CODES AND STANDARDS FBC Section 2512 / FRC R703.6 - Minimum requirements for exterior plaster - Refer to two ASTM standards ASTM C 926 - Standard for application of stucco - Mix, thickness, and design considerations ASTM C 1063 - Reinforcing and support of plaster

Stucco STUCCO VENEERS - METAL BASE PLASTER Substrate • Wood/steel framed • Sheathing • Gypsum board • Plywood/OSB • Open framed

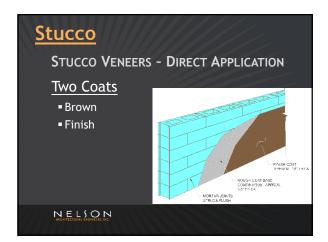
Stucco STUCCO VENEERS - METAL BASE PLASTER Vapor Barrier & Lath Two layers of vapor barrier Self-furring metal lath







STUCCO VENEERS - DIRECT APPLICATION Solid substrates • Concrete • Masonry





STUCCO VENEERS - ACCESSORIES Casing Bead Control Joint Corner Bead Weep Screed









