

NFPA 285 Compliant Wall Assembly

Exterior to Interior - Ref:100

Masonry - Thin Brick, Xci Foil (Class A) and Xci 286, Treated Wood Stud

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View WRB placement variations p.2

WrapShield SA Self-Adhered is a self-adhered, water resistive (WRB) vapor permeable air barrier sheet membrane adhered directly to substrate.

RevealShield SA Self-Adhered is a black, UV stable, water resistive (WRB) vapor permeable self-adhered air barrier membrane for open joint rain screen cladding systems.

Per Chapter 26 of the International Building Code, the wall assembly shall be tested in accordance with and comply with the acceptance criteria of NFPA 285. The listed assemblies in this document have met that criteria according to Hunter Panels. Visit hunterpanels.com for verification.



Comprehensive details available at VaproShield.com.
Illustration for explanatory purposes only.

Wall Component

Materials

Base Wall System

FRTW (Fire-retardant-treated wood) studs: min norminal 2x4 dimension, spaced 24" o.c. (max) 5/8" type X Gypsum Wallboard Interior and Bracing as required by code.

Approved Exterior Finish

Masonry—Brick veneer anchors, standard types, installed maximum 24 inches o.c. vertically. Maximum 2 inch air gap between exterior insulation and brick. Standard nominal 4 inch thick or greater, clay brick.

Thin Brick—Thin brick set in thin set adhesive and metal lath that has been tested to and passed the ASTM E119 standards or passed NFPA 285 at 34" minimum.may be used.

TABS Panel II System—1/2" thick bricks using TABS Wall Adhesive. Glen Gery - Thin Tech Elite.

Material Options

1) 3.5" max thickness of Hunter Xci Foil (Class A) or Hunter Xci 286

2) 4" max thickness of Hunter Xci Foil (Class A) or Hunter Xci 286 with non-combustible claddings1

Floorline Firestopping

Not Applicable

Stud Cavity

Not Applicable

Exterior Sheathing

Not Applicable

Weather Resistive Membrane Applied to Base Wall

Vaproshield Wrapshield SA, RevealShield SA

Weather Resistive Membrane Applied to Exterior Insulation

Vaproshield Wrapshield SA, RevealShield SA

The location and number of WRB's in the wall assembly are determined by the architect. See p.2 for additional illustrations showing VaproShield WRB/Air Barrier placement.