Hunter Xci Foil (Class A) and Xci 286 – Wall Assembly Guide Summary

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.

I BASE WALL SYSTEM
Steel Stud — 1 layer 5/8" thick Type X Gypsum wallboard on interior, installed over steel studs: minimum 3 5/8" depth, minimum 22 gauge at a maximum of 24 inch o.c. with lateral bracing every 4 ft vertically.

II CLADDING FAMILY TYPE
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, Cultured Stone—Set in thin set adhesive and metal lath that has been tested to and passed the ASTM E119 standards or passed NFPA 285 at ¾" minimum.
TABS Panel II System—½" thick bricks using TABS Wall Adhesive. Glen Gery - Thin Tech Elite.
Limestone or Natural Stone—Minimum 1.25" thick, Limestone or Natural Stone Veneer. Any standard non-open joint installation technique can be used.
Stone Aluminum—Stone Aluminum Honeycomb Composite Panels that have been successfully tested by the panel manufacturer via the NFPA 285 test method. Any standard installation technique can be used.
Cast Artificial Stone—Minimum 1½" thick complying with ICC-ES AC51. Any non-open joint installation technique such as shiplap may be used.
Fiber Cement Porcelain, Ceramic Tile—Minimum ¾" thickness. Any standard installation technique can be used.
Terra Cotta Cladding—Use any Terra Cotta Cladding System in which Terra Cotta is minimum ½". Any non-open joint installation technique or ventilated shiplap may be used.
Autoclaved Aerated Concrete—AAC panels that have successfully passed NFPA 285 criteria.
Metal Exterior—Metal Exterior wall coverings such as Steel, Aluminum, Copper and Zinc (Zinc with Class A only). Any standard installation technique can be used.
MCM System—Use any Metal Composite Material system that has been successfully tested by the panel manufacturer via the NFPA 285 test method. Any standard installation technique can be used.
Stucco—Minimum ½" thick, Exterior Cement Plaster and Lath.
HPL—FunderMax m.look minimum ¼" thick using any standard installation technique.

III 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 claddings

IV FLOORLINE FIRESTOPPING
Mineral fiber based safing insulation in each cavity at floor line. Safing thickness must match cavity depth. OR Solid FRTW blocking at floor line in accordance with building code requirements for Type III construction.

V STUD CAVITY
Any noncombustible insulation, Carlisle SPI SealTite PRO CC1, BASF Walltite1, NCFI InsulBlock SPF1,2, Icynene MD-C-200v3 (ProSeal) up to 5½ 1/2, SWD Urethane Quik-Shield 1121, 1.5" minimum Thermoseal 2000 (up to full cavity)2, or None

VI EXTERIOR SHEATHING
1) ½" (min) thick exterior gypsum sheathing OR ½" (min) FRTW structural panels in Type III construction OR None
2) USG Securock Exoair 430 System
3) 5/8" Georgia Pacific DensElement flashed with Prosoco R-Guard FastFlash on sheathing joints

*Contact Hunter Panels for details regarding this option. "Can only be used with ½" or greater Gypsum Sheathing. When this is used, do not use WRB on base wall surface.

The location and number of WRBs in the wall assembly are determined by the architect. continued on next page
Hunter Xci Foil (Class A) and Xci 286 – Wall Assembly Guide Summary

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VII WEATHER RESISTIVE MEMBRANE APPLIED TO BASE WALL

1) None
3) CCW-705 with 702 LV, 702 WB, Cav-Grip, Low VOC Travel-Tack
4) GE Momentive SEC 2500 SilShield, Elexmax 2600
5) Vaprosheild Wrapshield SA, RevealShield SA
7) StoGuard Vaporseal, Sto Gold Coat or Emerald Coat
8) 3M 3015
10) DuPont Tyvek CommercialWrap, CommercialWrap D, or StuccoWrap
11) PolyGuard Air Lok Flex VP, FlexGuard, Air Lok Flex³
12) Prosoco R-Guard Cat 5, R-Guard Cat 5 Rainscreen, R-Guard VB or R-Guard Spray Wrap MVP
13) Dryvit Backstop NT
14) Cosella Dorken Delta-Vent SA, Delta-Vent S, Delta-Fassade S, Delta-Maxx, Delta Stratus SA
15) WR Meadows Air-Shield LMP (Gray or Black), Air-Shield TMP, Air-Shield LSR, Air-Shield SMP
16) BASF Enershield HP or Enershield I
17) Suprema Soproseal Stick VP, Soprasolin HD, LM 204 VP, Stick 1100T³
18) Pecora XL Perm Ultra VP, XL Perm Ultra NP, ProPerm VP
19) Siga Majvest or Majvest 500 VP
20) Tremco ExoAir 230 or ExoAir 130
21) Fortifiber WeatherSmart Housewrap, WeatherSmart Drainable, WeatherSmart Commercial, Super Jumbo Tex 60
22) USG Securock Exoair 430 System
23) ½” Georgia Pacific DensElement flashed with Prosoco R-Guard FastFlash on sheathing joints
24) Dow Corning DefendAir 200 (or LT version) or DefendAir 200C (charcoal)
25) Hohmann & Barnard Enviro Barrier and Enviro Barrier VP
26) STS FW100 or FW100A
27) Karnak 321 K-NRG
28) NaturaSeal AirSeal NS-A-250LP, AirSeal NS-A-250HP

VIII WEATHER RESISTIVE MEMBRANE APPLIED TO EXTERIOR INSULATION

1) None
3) GE Momentive SEC 2500 SilShield
4) Vaprosheild Wrapshield SA, RevealShield SA
7) DuPont Tyvek CommercialWrap or StuccoWrap
8) PolyGuard Air Lok Flex VP, FlexGuard, Air Lok Flex³
9) Prosoco R-Guard Cat 5, R-Guard Cat 5 Rainscreen, R-Guard VB or R-Guard Spray Wrap MVP
10) Dryvit Backstop NT
11) Cosella Dorken Delta-Vent SA, Delta-Vent S, Delta-Fassade S, Delta-Maxx
12) Sto Gold Coat
13) WR Meadows Air-Shield LMP (Gray or Black), Air-Shield TMP, Air-Shield LSR, Air-Shield SMP
14) Suprema Soproseal Stick VP, Soprasolin HD
15) Pecora XL Perm Ultra VP, XL Perm Ultra NP, ProPerm VP
16) Siga Majvest
17) Fortifiber WeatherSmart Housewrap, WeatherSmart Drainable, WeatherSmart Commercial
18) Dow Corning DefendAir 200 (or LT version) or DefendAir 200C (charcoal)
19) Hohmann & Barnard Enviro Barrier VP
20) STS FW100A
21) Karnak 321 K-NRG

³Contact Hunter Panels for details regarding this option.

The location and number of WRBs in the wall assembly are determined by the architect.

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