

Hunter Xci Foil – 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	FRTW (Fire-retardant-treated wood) studs: min nominal 2x4 dimension, spaced 24" o.c. (max) with 5/8" type X Gypsum Wallboard Interior and bracing as required by code
II CLADDING FAMILY TYPE	<p>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.</p> <p>Limestone or Natural Stone — Minimum 2" thick, Limestone or Natural Stone Veneer. Any standard non-open joint installation technique can be used.</p> <p>Cast Artificial Stone — Minimum 1½" thick complying with ICC-ES AC51. Any non-open joint installation technique such as shiplap may be used. Any non-open joint installation technique or ventilated shiplap may be used.</p> <p>Stucco — Minimum ¾" thick, Exterior Cement Plaster and Lath.</p>
III MATERIAL OPTIONS	4" max thickness of Hunter Xci Foil
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, Covestro BaySeal CC X or CC CP ^{1,2} , BASF Walltite ^{1,2} , NCFI InsulBlock SPF ^{1,2} , Icynene MD-C-200v3 (ProSeal) up to 5½ ^{1,2} , SWD Urethane Quik-Shield 112 ^{1,2} , 1.5" minimum Thermoseal 2000 (up to full cavity) ² , or None
VI EXTERIOR SHEATHING	<ol style="list-style-type: none"> 1) ½" (min) thick exterior gypsum sheathing OR ½" (min) FRTW structural panels in Type III construction¹ 2) USG Securock Exoair 430 System.³ 3) 5/8" Georgia Pacific DensElement flashed with Prosoco R-Guard FastFlash on sheathing joints.³
VII WEATHER RESISTIVE MEMBRANE APPLIED TO BASE WALL	<ol style="list-style-type: none"> 1) None 2) Carlisle Fire Resist 705 RS, Fire Resist Barrithane VP, Fire Resist 705 VP, Fire Resist 705 FR-A, Fire Resist Barritech NP, Fire Resist Barritech VP (or VP LT) 3) CCW-705¹ with 702 LV, 702 WB, Cav-Grip, Low VOC Travel-Tack 4) GE Momentive SEC 2500 SiShield, Elemax 2600 5) Vaproshield Wrapshield SA, RevealShield SA 6) WR Grace Perm-A-Barrier VPS, Perm-A-Barrier NPL, Perm-A-Barrier VPL, Perm-A-Barrier Aluminum Wall Membrane, Perm-A-Barrier VPL LT, Perm-A-Barrier NPL 10¹, Perm-A-Barrier VPL 50¹ 7) StoGuard Vaporseal, Sto Gold Coat or Emerald Coat 8) 3M 3015 9) Henry Air-Bloc 17MR, Air-Bloc 21S, Air-Bloc 31MR, Air-Bloc 33MR and Air-Bloc 16MR, Blueskin VP 160 10) DuPont Tyvek CommercialWrap, CommercialWrap D, or StuccoWrap 11) PolyGuard Air Lok Flex VP, FlexGuard, Air Lok Flex¹ 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 15) WR Meadows Air-Shield LMP (Gray or Black), Air-Shield TMP, Air-Shield LSR 16) BASF Enershield HP or Enershield I 17) Soprema Sopreseal Stick VP, Soprasolin HD, LM 204 VP 18) Pecora XL Perm Ultra VP 19) Siga Majvest or Majvest 500 SA 20) Tremco ExoAir 230 or ExoAir 130 21) Fortifiber Weather Smart Housewrap, WeatherSmart Drainable, WeatherSmart Commercial, Super Jumbo Tex 60 22) USG Securock Exoair 430 System. 23) 5/8" Georgia Pacific DensElement flashed with Prosoco R-Guard FastFlash on sheathing joints. 24) Dow Corning Dowsil DefendAir 200.
VIII WEATHER RESISTIVE MEMBRANE APPLIED TO EXTERIOR INSULATION	<ol style="list-style-type: none"> 1) None 2) Carlisle Fire Resist 705 RS, Fire Resist Barrithane VP, Fire Resist 705 VP, Fire Resist 705 FR-A, Fire Resist Barritech VP, Fire Resist Barritech VP LT, Fire Resist Barritech NP 3) GE Momentive SEC 2500 SiShield 4) Vaproshield Wrapshield SA, RevealShield SA 5) WR Grace Perm-A-Barrier NPL, Perm-A-Barrier VPL, Perm-A-Barrier Aluminum Wall Membrane, Perm-A-Barrier VPL LT, Perm-A-Barrier VPS 6) Henry Air-Bloc 17MR, Air-Bloc 21S, Air-Bloc 31MR, Air-Bloc 33MR, Air-Bloc 16MR, Blueskin VP 160 7) DuPont Tyvek CommercialWrap or StuccoWrap 8) PolyGuard Air Lok Flex VP, FlexGuard, Air Lok Flex¹ 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 14) Soprema Sopreseal Stick VP, Soprasolin HD 15) Pecora XL Perm Ultra VP 16) Siga Majvest 17) Fortifiber WeatherSmart Housewrap, WeatherSmart Drainable, WeatherSmart Commercial 18) Dow Corning Dowsil DefendAir 200.

[1]Contact Hunter Panels for details regarding this option

[2]Can only be used with ½" or greater Gypsum Sheathing

[3]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.