

Walls and Ceilings (FM Approval Class Numbers 4411, 4651, 4880, 4881, 4882)

Under this section an FM Approved product/assembly will only be located/reference for its' Primary Class of Work as detailed below:

Primary Class of Work	Subsections/ Approval Guide Location(s)	Approval Includes
4880	Interior Use Only (Class 4880)	4880
4881	Interior and Exterior Use (Class Number 4881)	4880 and 4881
4882	Smoke Sensitive Occupancies Interior Use Only (Class 4882)	4880 and 4882
	Smoke Sensitive Occupancies Interior and Exterior Use (Class 4882)	4880, 4881, and 4882
4651	Suspended Plastic Ceilings	4651

The heading of the subsections (shown above) details all acceptable uses/applications for the Approved product/assembly. One or multiple uses maybe listed and would included the following;

- Interior use,
- Exterior use,
- Smoke Sensitive Occupancies,
- Suspended Plastic Ceilings

See each subsections and listing detail for additional installation requirements and ratings.

The listed assemblies are not intended as long-term fire walls or barriers since fire endurance was not evaluated. See SPECIFICATION TESTED PRODUCTS, ASTM E119 Standard, for hourly rated systems.

Interior and Exterior Use (Class Number 4881)

This section contains FM Approved building assemblies for an interior and exterior use application. All assemblies have been examined per the following FM Approvals Standards;

- Class 4881, *Approval Standard for Class 1 Exterior Wall Systems*, and
- Class 4880, *Approval Standard for Class 1 Fire Rating of Building Panels or Interior Finish Materials*

All building assemblies are FM Approved with;

- Acceptable application's for walls and/or ceilings,
- Class 1 type/ratings,
- Height restrictions,
- Wall/ceiling product specifications,
- Interior installation requirements, and
- Exterior installation requirements and ratings

Products listed as ceiling applications are not necessarily Approved for use as roofs. For approved roofing products and assemblies, [please click here](http://www.roofnav.com) for www.roofnav.com

Exterior installation requirements and ratings include;

- a wind zone category of;
 - o Non-Tropical Cyclone (NTC)
 - o Tropical Cyclone (TC), or
 - o Tropical Cyclone Missile (TCM)
- a wind pressure rating expressed as the maximum inward and outward pressures (+P/-P) Approved and does not include a safety factor, and
- a hail resistance rating of either;
 - o Moderate (MH),
 - o Severe (SH), or
 - o Very Severe (VSH)

The FM Global Property Loss Prevention Data Sheets 1-28 shall be used to determine which ratings applies for to a particular location.

CF-Architectural Flat, CF-Light Mesa, CF-Mesa, HPCI Barrier, CF-Flute, CF-Santa Fe, CF-Striated, CF- ...

Product	Primary Class of Work	Application	Class 1 Type/Rating	Height Restriction	Listing Country	Certification Type
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CF-Architectural Flat, CF-Light Mesa, CF-Mesa, HPCI Barrier, CF-Flute, CF-Santa Fe, CF-Striated, CF-Metl-Plank, CF-V-Rib, CF-7.2 Insul-Rib, CFI – Mesa, CFI - V-Rib, CFI – Flute, CFI – Metl-Plank, CFI Striated, CFI - Santa Fe, CFI - 7.2 Insul-Rib, CF-Tuff-Cast, CF-Tuff-Wall	GREEN	4881 – Exterior Wall Systems	Wall and Ceiling	Inert face with combustible core	No Height Restriction	USA	FM Approved
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Product Specifications

Product	Panel Thickness in (mm)	Core Material	Panel Width in (mm)	Minimum Panel Length ft (m)	Minimum Interior Facer Thickness in (mm)	Minimum Exterior Facer Thickness in (mm)	Facer Material
CF- Architectural Flat	2 – 4 (51 – 102)	PUR	12 – 24 (305 – 610)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
	2 – 6 (51 – 152)	PUR	24 – 48 (610 – 1220)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CF-Light Mesa, CF-Mesa, HPCI Barrier	2 – 6 (51 – 152)	PUR	24 – 48 (610 – 1220)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CF-Flute, CF-Metl-Plank	2 – 6 (51 – 152)	PUR	42 (1067)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CF-Santa Fe, CF-Striated	2 – 6 (51 – 152)	PUR	24 – 42 (610 – 1067)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CF-V-Rib	2 – 6 (51 – 152)	PUR	42 – 44.5 (1067 – 1130)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel

CF-7.2 Insul-Rib	2 – 6 (51 – 152)	PUR	36 (915)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CFI - Mesa	2 – 6 (51 – 152)	PUR	24 – 48 (610 – 1220)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CFI - V-Rib	2 – 6 (51 – 152)	PUR	42 – 44.5 (1067 – 1130)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CFI – Flute, CFI – Metl-Plank	2 – 6 (51 – 152)	PUR	42 (1067)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CFI Striated, CFI - Santa Fe	2 – 6 (51 – 152)	PUR	24 – 42 (610 – 1067)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CFI - 7.2 Insul-Rib	2 – 6 (51 – 152)	PUR	36 (915)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel
CF-Tuff-Cast	2 – 6 (51 – 152)	PUR	36 – 42 (760 – 1065)	8 (2.4)	0.0190 (0.48)	0.0190 (0.48)	Prefinished zinc or aluminum-zinc alloy coated steel*
CF-Tuff-Wall	2 – 6 (51 – 152)	PUR	36 – 42 (760 – 1065)	8 (2.4)	0.0190 (0.48)	0.0190 (0.48)	Prefinished zinc or aluminum-zinc alloy coated steel*

*Panels have a stucco embossed flat exterior profile with a Tuff-Cote finish and stucco embossed Mesa profile interior

Interior Installation Requirements

Flashing	Minimum 2.5 x 2.5 in (65 x 65 mm) 26 ga. [0.0217 in. (0.55 mm)] Galvanized steel fastened maximum 12 in (305 mm) on center.
Sealant/Gasket/Caulking	Silicone sealant and/or butyl sealant optional

Exterior Installation Requirements and Ratings

Wall Panel	Panel Thickness in (mm)	Width in (mm)	Securement	Hail Resistance Rating	Wind Pressure Rating & Zone	Max Support Steel Spacing	Min Support Steel Thickness	Min Support Steel Yield Stress
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						in (mm)	in (mm)	ksi (Mpa)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Striated	2 (51)	24 (610)	Fastening Pattern A	Severe (SH)	+80/-112 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF- Architectural Flat	2 (51)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+80/-112 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Striated	2.5 (64)	24 (610)	Fastening Pattern A	Severe (SH)	+85/-119 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF- Architectural Flat	2.5 (64)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+85/-119 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Striated	3 (76)	24 (610)	Fastening Pattern A	Severe (SH)	+90/-126 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF- Architectural Flat	3 (76)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+90/-126 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+105/-147 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Striated, CF-Architectural Flat	4 – 6 (102 – 152)	24 (610)	Fastening Pattern A	Severe (SH)	+105/-147 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2 – 2.5 (51 – 64)	24 (610)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	24 (610)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+80/-112 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	24 (610)	Fastening Pattern A	Severe (SH)	+80/-112 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2 – 2.5 (51 – 64)	24 (610)	Fastening Pattern A	Severe (SH)	+50/-70 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+50/-70 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	24 (610)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat,	3 (76)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat,	4 (102)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	24 (610)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2 – 2.5 (51 – 64)	24 (610)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	24 (610)	Fastening Pattern A	Severe (SH)	+50/-70 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+50/-70 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2	4 – 6 (102 – 152)	24 (610)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)

Insul-Rib								
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2 – 2.5 (51 – 64)	24 (610)	Fastening Pattern A	Severe (SH)	+40/-56 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+40/-56 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	24 (610)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern A	Severe (SH)	+55/-77 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	24 (610)	Fastening Pattern A	Severe (SH)	+55/-77 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern A	Severe (SH)	+30/-42 Zone NTC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	30 – 42 (762 – 1067)	Fastening Pattern A	Severe (SH)	+40/-56 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2.5 – 6 (64 – 152)	30 (762)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2 (50)	30 – 42 (762 – 1067)	Fastening Pattern A	Severe (SH)	+35/-49 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	30 – 42 (762 – 1067)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2.5 – 6 (64 – 152)	30 (762)	Fastening Pattern A	Severe (SH)	+40/-56 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	30 (762)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	30 (762)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	30 (762)	Fastening Pattern A	Severe (SH)	+80/-112 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2.5 – 6 (64 – 152)	30 – 36 (762 – 914)	Fastening Pattern A	Severe (SH)	+30/-42 Zone NTC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	36 (914)	Fastening Pattern A	Severe (SH)	+50/-70 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	36 (914)	Fastening Pattern A	Severe (SH)	+55/-77 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (914)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2.5 – 3 (64 – 76)	36 (914)	Fastening Pattern A	Severe (SH)	+40/-56 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-Tuff-Cast, CF-Tuff-Wall	2 – 6 (51 – 152)	36 (914)	Fastening Pattern A	Severe (SH)	+70/-98 Zone TC	24 (610)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern A	Severe (SH)	+60/-84 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	36 – 42 (914 – 1067)	Fastening Pattern A	Severe (SH)	+35/-49 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	36 – 42 (914 – 1067)	Fastening Pattern A	Severe (SH)	+40/-56 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	3 (76)	42 (1067)	Fastening Pattern A	Severe (SH)	+50/-70 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2.5 (64)	36 – 42 (914 – 1067)	Fastening Pattern A	Severe (SH)	+30/-42 Zone NTC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern A	Severe (SH)	+35/-49 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall, CF-7.2 Insul-Rib	2.5 (64)	42 (1067)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 (51)	30 – 42 (762 – 1067)	Fastening Pattern A	Severe (SH)	+30/-42 Zone NTC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern A	Severe (SH)	+35/-49 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern A	Severe (SH)	+45/-63 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Architectural Flat [min 22 ga. exterior facers]	2 – 6 (51 – 152)	48 (1220)	Fastening Pattern A	Severe (SH)	+55/-77 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+30/-42 Zone NTC	142 (3607)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+30/-42 Zone NTC	142 (3607)	0.0710 (1.80)	50 (345)

CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+35/-49 Zone TC	108 (2743 mm)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+35/-49 Zone TC	108 (2743 mm)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+40/-56 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+40/-56 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+45/-63 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+45/-63 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12-23.9 in. (305-608 mm)	Fastening Pattern B	Severe (SH)	+50/-70 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+50/-70 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+60/-84 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+60/-84 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+80/-112 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+80/-112 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)

CF-Architectural Flat	2.5 – 3 (64 – 76)	12 – 42 (305 – 1067)	Fastening Pattern B	Severe (SH)	+30/-42 Zone NTC	108 (2743 mm)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2.5 – 3 (64 – 76)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+30/-42 Zone NTC	108 (2743 mm)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 – 4 (76 – 102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+35/-49 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+35/-49 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 – 4 (76 – 102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+40/-56 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+40/-56 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 4 (51 – 102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+45/-63 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 6 (51 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+45/-63 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 – 4 (76 – 102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+50/-70 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+50/-70 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 – 4 (76 – 102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+75/-105 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+75/-105 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)

CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern B	Severe (SH)	+35/-49 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+35/-49 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern B	Severe (SH)	+55/-77 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+55/-77 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern B	Severe (SH)	+70/-98 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+70/-98 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 4 (51- 102)	12 – 24 (305 – 610)	Fastening Pattern B	Severe (SH)	+30/-42 Zone NTC	111 (2820 mm)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 6 (51 – 152)	24 – 42 (610 – 1067)	Fastening Pattern B	Severe (SH)	+30/-42 Zone NTC	111 (2820 mm)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+30/-42 Zone NTC	174 (4420)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+30/-42 Zone NTC	174 (4420)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+35/-49 Zone TC	144 (3658)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+35/-49 Zone TC	144 (3658)	0.0710 (1.80)	50 (345)

CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+40/-56 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+40/-56 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+45/-63 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+45/-63 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+55/-77 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+55/-77 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+60/-84 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+60/-84 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+75/-105 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+75/-105 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+80/-112 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+80/-112 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)

CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+105/-147 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+105/-147 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+130/-182 Zone TC	36 (915)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+130/-182 Zone TC	36 (915)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	4 (102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+125/-175 Zone TCM	36 (915)	0.0710 (1.80)	50 (345)
CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	4 – 6 (102 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+125/-175 Zone TCM	36 (915)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2.5 – 3 (64 – 76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	Class +30/-42 Zone NTC	144 (3658)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2.5 – 3 (64 – 76)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+30/-42 Zone NTC	144 (3658)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 3 (51 – 76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+35/-49 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 3 (51 – 76)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+35/-49 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 3 (51 – 76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+40/-56 Zone TC	108 (2743 mm)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 3 (51 – 76)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+40/-56 Zone TC	108 (2743 mm)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+50/-70 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Meti-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 (76)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+50/-70 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+55/-77 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Meti-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 (76)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+55/-77 Zone TC	84 (2134)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+65/-91 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Meti-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+65/-91 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+75/-105 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Meti-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+75/-105 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+95/-133 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Meti-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+95/-133 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	3 (76)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+120/-168 Zone TC	36 (915)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Meti-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	3 – 6 (76 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+120/-168 Zone TC	36 (915)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+45/-63 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+45/-63 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+50/-70 Zone TC	84 (2134 mm)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+50/-70 Zone TC	84 (2134 mm)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+60/-84 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+60/-84 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+70/-98 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+70/-98 Zone TC	60 (1525)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+90/-126 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 2.5 (51 – 64)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+90/-126 Zone TC	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+115/-161 Zone TC	36 (915)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2.5 – 6 (64 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+115/-161 Zone TC	36 (915)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 2.5 (51 – 64)	12 – 42 (305 – 1067)	Fastening Pattern C	Severe (SH)	+30/-42 Zone NTC	144 (3658)	0.0710 (1.80)	50 (345)

CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 (51)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+30/-42 Zone NTC	144 (3658)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 4 (51 – 102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+85/-119 Zone TCM	48 (1220)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 6 (51 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+85/-119 Zone TCM	48 (1220)	0.0710 (1.80)	50 (345)
CF-Architectural Flat	2 – 4 (51 – 102)	12 – 24 (305 – 610)	Fastening Pattern C	Severe (SH)	+110/-154 Zone TCM	36 (915)	0.0710 (1.80)	50 (345)
CF-Mesa, CF-Light Mesa, HPCI Barrier, CF-Metl-Plank, CF-Flute, CF-Striated, CF-Santa Fe, CF-Architectural Flat, CF-V-Rib, CF-Tuff-Cast, CF-Tuff-Wall	2 – 6 (51 – 152)	24 – 42 (610 – 1067)	Fastening Pattern C	Severe (SH)	+110/-154 Zone TCM	36 (915)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+35/-49 Zone TC	189 (4800 mm)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+40/-56 Zone TC	168 (4265)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+45/-63 Zone TC	144 (3658)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+50/-70 Zone TC	132 (3355)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+55/-77 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+60/-84 Zone TC	108 (2745)	0.0710 (1.80)	50 (345)

CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+70/-98 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+80/-112 Zone TC	84 (2134 mm)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	4 – 6 (102 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+95/-133 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+40/-56 Zone TC	144 (3658)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+45/-63 Zone TC	132 (3355)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+50/-70 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+55/-77 Zone TC	108 (2745)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+60/-84 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+70/-98 Zone TC	84 (2134 mm)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	3 – 6 (76 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+85/-119 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2.5 (64)	42 (1067)	Fastening Pattern D	Severe (SH)	+65/-91 Zone TC	84 (2134 mm)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2.5 (64)	42 (1067)	Fastening Pattern D	Severe (SH)	+80/-112 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)

CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 – 6 (51 – 152)	42 (1067)	Fastening Pattern D	Severe (SH)	+35/-49 Zone TC	153 (3885)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern D	Severe (SH)	+40/-56 Zone TC	132 (3355)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern D	Severe (SH)	+45/-63 Zone TC	120 (3048)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern D	Severe (SH)	+50/-70 Zone TC	108 (2745)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern D	Severe (SH)	+55/-77 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 – 2.5 (51 – 64)	42 (1067)	Fastening Pattern D	Severe (SH)	+60/-84 Zone TC	84 (2134 mm)	0.0710 (1.80)	50 (345)
CF-Flute, CF-Mesa, CF-42-Mesa, CF-Metl-Plank, CFI-Light Mesa, CFI-Flute, CFI-Mesa, CFI-Metl-Plank	2 (51)	42 (1067)	Fastening Pattern D	Severe (SH)	+75/-105 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+35/-49 Zone TC	189 (4800)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+40/-56 Zone TC	168 (4265)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+45/-63 Zone TC	144 (3660)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+50/-70 Zone TC	132 (3355)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+55/-77 Zone TC	120 (3050)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+60/-84 Zone TC	108 (2745)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+70/-98 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+80/-112 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	4 – 6 (102 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+95/-133 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+40/-56 Zone TC	144 (3660)	0.0710 (1.80)	50 (345)

CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+45/-63 Zone TC	132 (3355)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+50/-70 Zone TC	120 (3050)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+55/-77 Zone TC	108 (2745)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+60/-84 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+70/-98 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	3 – 6 (76 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+85/-119 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+35/-49 Zone TC	153 (3885)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+40/-56 Zone TC	132 (3355)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+45/-63 Zone TC	120 (3050)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+50/-70 Zone TC	108 (2745)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+55/-77 Zone TC	96 (2440)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+65/-91 Zone TC	84 (2135)	0.0710 (1.80)	50 (345)
CF-7.2 Insul-Rib, CFI-7.2 Insul-Rib	2.5 – 6 (64 – 152)	36 (915)	Fastening Pattern E	Severe (SH)	+80/-112 Zone TC	72 (1830)	0.0710 (1.80)	50 (345)

Fastening System A - Clip Attachment Screws (stainless steel or coated carbon steel 1/4-14 HWH self drilling fasteners with type 3 points, 1/4-14, 1/4-20, 1/4-28 or 12-24 HWH self drilling fasteners with type 5 points or #14-14 HWH self tapping fasteners with type AB, B or BP points through one U-Clip at each bearing in each panel side joint).

Fastening System B - Clip Attachment Screws (stainless steel or coated carbon steel 1/4-14 HWH self drilling fasteners with type 3 points, 1/4-14, 1/4-20, 1/4-28 or 12-24 HWH self drilling fasteners with type 5 points or #14-14 HWH self tapping fasteners with type AB, B or BP points through one U-Clip at each bearing in each panel side joint and one Fab-Lok fastener (10-4, 10-8 or 10-12 suitable for the thickness of the structural member) or Bulb-tite Structural Blind Rivets (RV6603-9-3, RV66903-9-6, RV6603-9-10 or RV6603-9-12 suitable for the thickness of the structural member) per bearing through the structural member into the interior panel facer 10-12 in. (265 mm) ± 1.5 in. (38 mm) from each female panel edge through holes predrilled with a 5/16in. (7.9 mm) diameter drill bit.

Fastening System C - Clip Attachment Screws (stainless steel or coated carbon steel 1/4-14 HWH self drilling fasteners with type 3 points, 1/4-14, 1/4-20, 1/4-28 or 12-24 HWH self drilling fasteners with type 5 points or #14-14 HWH self tapping fasteners with type AB, B or BP points) through one U-Clip at each bearing in each panel side joint and three Fab-Lok fasteners (10-4, 10-8 or 10-12 suitable for the thickness of the structural member) or Bulb-tite Structural Blind Rivets (RV6603-9-3, RV66903-9-6, RV6603-9-10 or RV6603-9-12 suitable for the thickness of the structural member) per bearing through the structural member into the interior panel facer equally spaced [± 1.5 in. (38 mm)] between U-Clips through holes predrilled with a 5/16in. (7.9 mm) diameter drill bit.

Fastening System D - Panels through fastened to each steel support with Panel Attachment Screws with Sealing Washers 3 to 8 in. (75 to 200 mm) long stainless steel or coated carbon steel fasteners with 3/8 in. (9.5 mm) hex washer heads and 5/8 in. (16 mm) diameter sealing washers; 1/4-14 HWH self drilling fasteners with type 3 points for minimum 14 ga. [0.0710 in. (1.8 mm)] thick steel supports, 1/4-14, 1/4-20, 1/4-28 or 12-24 HWH self drilling fasteners with type 5 points for minimum 3/16 in. (4.75 mm) steel supports or #14-14 HWH self tapping fasteners with type AB, B or BP points for minimum 14 ga. [0.0710 in. (1.8 mm)] steel supports through properly sized pilot holes) 8.4 in. (215 mm) on center.

Fastening System E - Panels through fastened to each steel support with Panel Attachment Screws with Sealing Washers (3 to 8 in. (75 to 200 mm) long stainless steel or coated carbon steel fasteners with 3/8 in. (9.5 mm) hex washer heads and 5/8 in. (16 mm) diameter sealing washers; 1/4-14 HWH self drilling fasteners with type 3 points for minimum 14 ga. [0.0710 in. (1.8 mm)] steel supports, 1/4-14, 1/4-20, 1/4-28 or 12-24 HWH self drilling fasteners with type 5 points for minimum 3/16 in. (4.75 mm) steel supports or #14-14 HWH self tapping fasteners with type AB, B or BP points for minimum 14 ga. [0.0710 in. (1.8 mm)] steel supports through properly sized pilot holes) 7.2 in. (185 mm) on center.

GREEN - This product contains no urea-formaldehyde.

GREEN - This product contains no CFC or HCFC.

Company Name:	Metl-Span, an NCI Building Systems Company
Company Address:	1497 N Kealy St, Lewisville, Texas 75057, USA
Company Website:	http://metlspan.com
New/Updated Product Listing:	No
Green Product:	Yes
Application:	Walls and Ceilings
Class 1 Type/Rating:	Inert-Faced with Combustible Core
Height Restriction:	No Height Restriction
Listing Country:	United States of America
Certification Type:	FM Approved
Primary Class of Work:	4881-Exterior Wall Systems