



CP Facades
Systems
Comparison

	Infinite Facade (Baseline)	Infinite Facade (Premium)	Infinite Facade (Custom)	Infinite Facade + GRFC
Product Description	Thin shell Concrete mechanically attached to standard HSS frame with 4"x6"x1/4" bottom chord and 4"x3" verts, standard bearing and push pull at ~10ft OC.	Thin shell Concrete mechanically attached to standard HSS frame with 4"x6"x1/4" bottom chord and 4"x3" verts, standard bearing and push pull at ~10ft OC.	Concrete mechanically attached to HSS frame	GFRC mechanically attached to HSS frame
Overall Baseline System Depth	8 1/4"	8 1/4"	8 1/4"	7 - 8"
	(2.25" skin, 2" gap (or foam), 4" HSS)	(2.25" skin, 2" gap (or foam), 4" HSS)		
Architectural Skin Thickness	2 1/4"	2 1/4"	2 1/4"	1"
Typical System Weight	25-35 psf typical (40 PSF Max)	25-35 psf typical (40 PSF Max)	25-35 psf typical (40 PSF Max)	18-20 psf
Typical Panel sizes (height x length)	12ft (max) x 35ft (max)	12ft (max) x 35ft (max)	15ft (max) x 35ft (max)	15ft x 35ft
Shapes and Aticulation	Typically flat panels, 1/2" reveal depth, 4" Articulations	Typically flat panels, 1/2" reveal depth, 4" Articulations	Typically flat panels, 1/2" reveal depth, 4" Articulations	Flat to deep profiled shapes, great flexibility
Panel Returns	8-12"	8-12"	8" Integral, 3' with Assembly	8" Integral, 3' with Assembly
Returns at Windows	2.25" (no return)	2.25" (no return), 4", 6" 8"	2", 4", 6", 8"	2", 4", 6", 8"
Pre Glazed Window Options	Yes	Yes	Yes	Yes
Attachment to Structure	Cast In Place Embeds	Cast In Place Embeds	Preweld and or Cast in Place Embeds	Preweld and or Cast in Place Embeds
Colors	Various one color	Various two colors max	Various and Multi Colors in the same panel	Various and Multi Colors in the same panel
Standard Finish	Medium and Heavy Sandblast		Medium and Heavy Sandblast	Light and Medium Sandblast
Premium Finishes	Light SB, Polished (ascent sections only), Honed (Ascent sections only), Stained,	Light SB, Polished (ascent sections only), Honed (Ascent sections only), Stained, Clark	Light SB, Polished (ascent sections only), Honed (Ascent sections only),	Light SB, Polished, Stained,
Inlaid Material	Inlaid stone, tile, and thin brick	Inlaid stone, tile, and thin brick	Inlaid stone, tile, and thin brick	Inlaid Stone, tile, and thin brick finishes
TITLE 24 Prescriptive Category	Light Mass to Metal Frame	Light Mass to Metal Frame	Light Mass to Metal Frame	Metal Frame
Continous Insulation Option	Closed cell spray foam	Closed cell spray foam	Closed cell spray foam	Closed cell spray foam
STC/OITC RATINGS	With Spray foam, meets acoustic performance requirements of ASTM E90	With Spray foam, meets acoustic performance requirements of ASTM E90		
			>50 with 2" Spray Foam	>50 with 2" Spray Foam
NFPA 285 Compliant	Yes with Spray Foam	Yes with Spray Foam	Yes with Spray Foam	Yes with Spray Foam
Fire Rating : 1 HR Wall	Yes with Spray Foam ASTM E119	Yes with Spray Foam ASTM E119	Yes with Spray Foam ASTM E119	Yes with NO spray foam See IBC for Assembly
Fire Rating: 2 HR Wall	Yes with Spray Foam ASTM E119	Yes with Spray Foam ASTM E119	Yes with Spray Foam ASTM E119	No
Additional Stud Wall Required	Yes	Optional (Hat channel and gyp can be connected to panel frame)	Optional (Hat channel and gyp can be connected to panel frame)	Optional (Hat channel and gyp can be connected to panel frame)