



Northwestern University Walter Athletics Center, Evanston, IL / Photo: © Bob Perzel

Contractor-friendly Metal Walls use standard system components to accommodate standard & field-fabricated construction.

FEATURES AND BENEFITS

- Available panel sizes include:
 - Pedestrian Level: 12", 18", 20", 24" Wide x 24, 48" Tall
 - Acoustical Level: 12", 18", 20", 24" Wide x 24, 48" Tall
- Square-edge panel design with butt joints or standard 1/4" reveal joints
- Traditional factory-assembled Z-rail for progressive install over new or existing construction
- Flexibility for range of field conditions using fieldfabricated standard size panels supported with internal stiffeners
- Pedestrian-Level panels engineered for durability, while Acoustical-Level panels offer a range of perforations for acoustical performance
- Array of extruded aluminum trims can be interchanged to suit most projects without project-specific engineering

ATTRIBUTES



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

LEED® is a registered trademark of the U.S. Green Building Council.

CERTIFICATIONS



GREENGUARD:
GOLD CERTIFIED

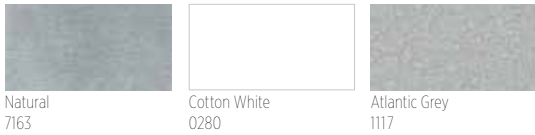


EPD AVAILABLE

COLORS AND FINISHES

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples. Colors are for illustration purposes only.

STANDARD PAINT COLORS

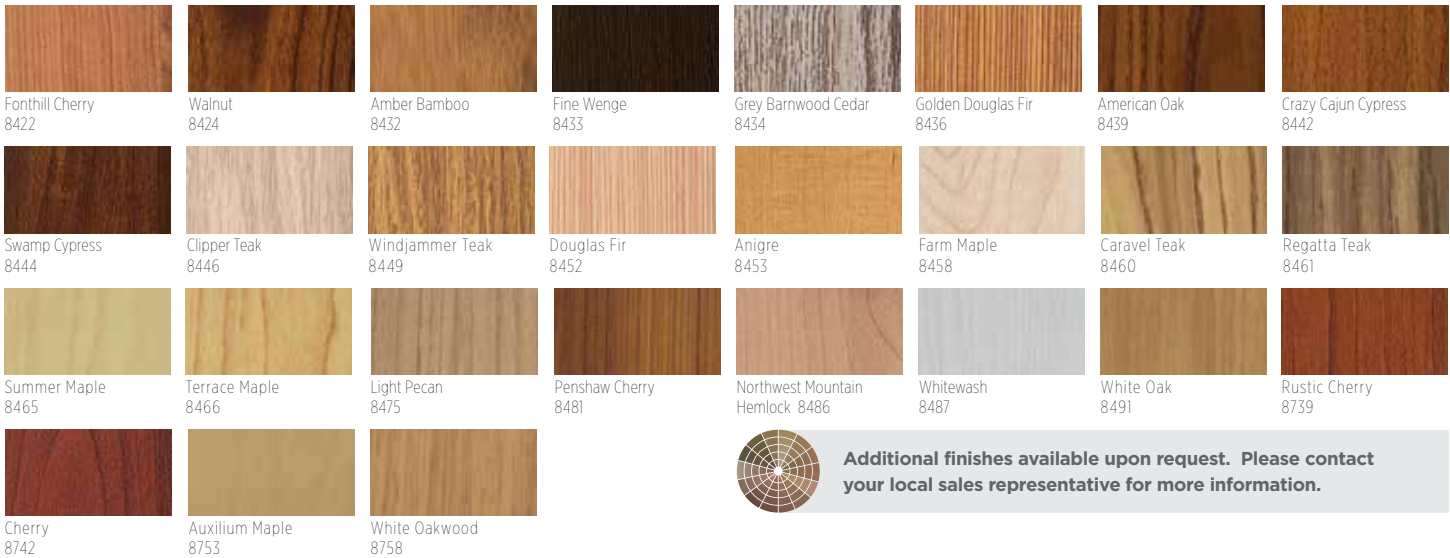


CUSTOM COLORS



DECORATED (POWDER-COAT) WOOD-LOOK OPTIONS

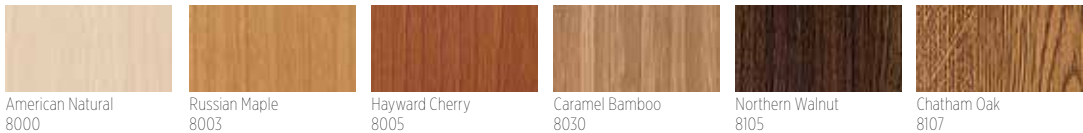
Powder-coat paint finish (interior and exterior). Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

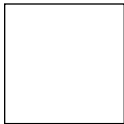
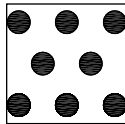
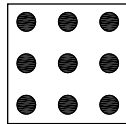
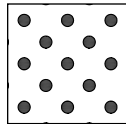
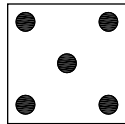
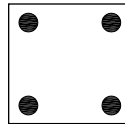
LAMINATED (FILM) WOOD FINISHES

Film (on interior, non-perforated panels only). Formaldehyde-free, Class A composite panel. Minimums apply.



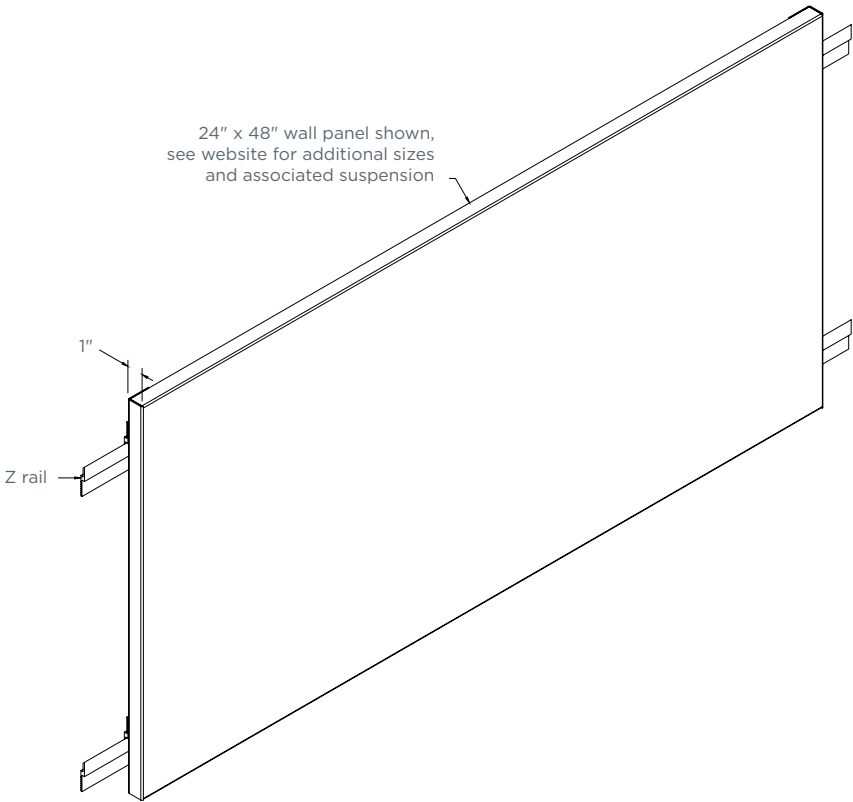
PERFORATION PATTERNS


Standard patterns shown. Perforations not available on laminated (film). Scale shown: 1:1, unless otherwise noted.

					
Non-Perforated	Pattern #103 Perf. dia: .118 in. Open area: 20%	Pattern #106 Perf. dia: .098 in. Open area: 16%	Pattern #115 Perf. dia: .063 in. Open area: 12%	Pattern #119 Perf. dia: .098 in. Open area: 8%	Pattern #150 Perf. dia: .098 in. Open area: 4%

INSTALLATION EXAMPLES

Typical Isometrics _____





Additional options available for design flexibility, contact your local sales representative to get started.



UNC-Charlotte Portal Building, Charlotte, NC / Photo: © Bob Perzel

PHYSICAL DATA

MATERIAL

Aluminum

WEIGHT

Varies

FIRE RATING

Class A Fire Rated per ASTM E84
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50
– Film on metal: Flame spread: ≤ 25, Smoke ≤ 50
Class A Fire Rated per CAN/ULC-S102
– Painted or anodized metal: Flame spread: ≤ 25,
Smoke ≤ 50

SEISMIC RATING

Zones A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

– Cotton White: LR = 0.81

WARRANTY

1-year Limited Warranty.
Full warranty information can be found
at certainteed.com/warranty

ACOUSTICAL PERFORMANCE

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

PERFORATION PATTERN	% OPEN AREA	ACOUSTICAL INFILL	NRC
#103	20%	1" – 1.5 pcf Polywrapped Fiberglass	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.80
#106	16%	1" – 1.5 pcf Polywrapped Fiberglass	0.85
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.90
#115	12%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1.5" – 1.5 pcf Polywrapped Fiberglass	0.95
		1.5" – 1.5 pcf Polywrapped Fiberglass	0.90
#119	8%	1" – 1.5 pcf Polywrapped Fiberglass	0.85
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.85
#150	4%	1" – 1.5 pcf Polywrapped Fiberglass	0.75
		Non-Woven Acoustic and 1" – 1.5 pcf Polywrapped Fiberglass	0.70

Acoustical tests performed in accordance with ASTM C423 and ASTM E795, in a type E400 mounting.
Test reports available upon request.



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