WALL SYSTEMS — TECHSTYLE® WALLS

Techstyle® wall panel systems provide excellent acoustical performance. Integration with our ceiling system allows designs to continue seamlessly from the ceiling plane to maximize acoustical performance.
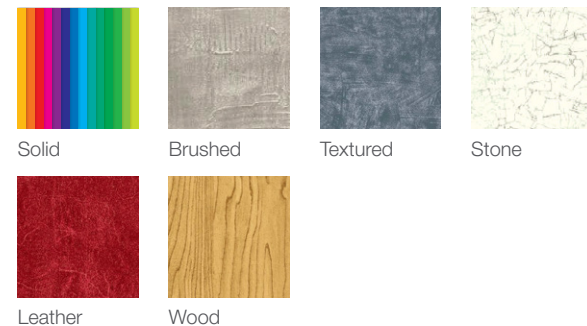
Photo: *Clayco Forum Studio Office, St. Louis, MO; Techstyle® Wall Panels*
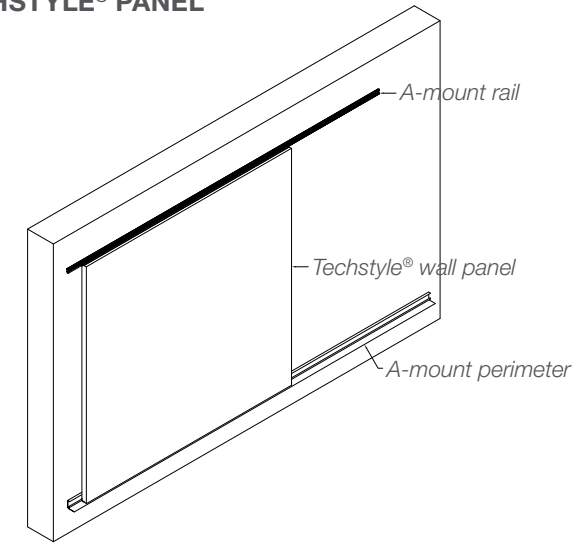
KEY FEATURES

- Proprietary formaldehyde-free fiberglass composite construction
- High acoustical performance: NRC of 0.70 up to 1.0 and SAA of 0.86
- Easy snap-on attachment for wall applications
- Class A Fire Rating, per ASTM E84
- GREENGUARD Gold Certified

COLORS & FINISHES

In addition to the selection of textures and patterns shown here, panels can be matched to solid colors from major paint manufacturers. See page 182 to see all colors, patterns, textures.

Solid   Brushed   Textured   Stone

Leather   Wood

TYPICAL ISOMETRICS – TECHSTYLE® PANEL

- A-mount rail
- Techstyle® wall panel
- A-mount perimeter

PANEL SIZES

Width x Length

24" x 6"	24" x 24"	24" x 42"	24" x 48"	24" x 54"	24" x 60"	24" x 66"	24" x 72"	24" x 78"	24" x 84"	24" x 90"	24" x 96"
30" x 6"	30" x 30"	30" x 60"	30" x 72"								
48" x 6"	48" x 24"	48" x 42"	48" x 48"	48" x 54"	48" x 60"	48" x 66"	48" x 72"				

ACOUSTICS

Techstyle® wall panels offer three levels of sound absorption. All performance levels use the same front panel, but different backer.
- NRC 0.70: The simplest version is directly mounted to the wall with a 0.5" air gap and no backer. Total build up: 1.5".
- NRC 0.85: Directly mounted to the wall with a 1.5" total build up and the gap filled with a 0.5" formaldehyde-free fiberglass 4 pcf backer.
- NRC 1.00: Directly mounted to the wall with a 2" total build up and the gap filled with 1" fiberglass backer.

Frequency in HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
NRC 0.70	0.06	0.11	0.14	0.2	0.29	0.4	0.46	0.56	0.64	0.69	0.88	0.92	0.94	0.98	1.05	1	0.96	0.88
NRC 0.85	0.1	0.12	0.13	0.26	0.34	0.58	0.75	0.92	0.96	1.03	1.07	1.01	1.01	1.05	1.06	1.06	1.06	1.02
NRC 1.00	0.24	0.31	0.48	0.66	0.85	0.97	1.01	1.06	1.04	1.03	1.04	0.96	0.94	0.96	0.94	0.9	0.93	0.92

PHYSICAL DATA

Surface Finish: Acoustical Coating (white) or Sublimation printed Polyester Non Woven
Light Reflectance: 81% (White) ASTM E1477
Surface Burning: Class A (ASTM E84)
 – Flame Spread Index $\leq$ 25
 – Smoke Index $\leq$ 50
Acoustical Ratings – NRC: 0.85 (ASTM C 423)
Moisture Resistance: Resistant to 95% humidity in 104° temperature
Fungal Resistance: Resistant (ASTM C1338)
Weight: 0.30 lbs. per sq. ft.
Warranty: 10 year limited

BIM

REVIT files available for BIM contributions, see website for details.

LEED V4 CREDITS

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

CERTIFICATIONS

GREENGUARD Gold Certified
CHPS - Passed
HPDs & EPDs – available upon request