



TECHSTYLE® ACOUSTICAL WALL PANEL SYSTEMS

Techstyle wall panel systems provide excellent acoustical performance for use in schools, conference rooms, auditoriums, convention centers, and other buildings that require optimized acoustical control.

If desired, the wall design can seamlessly continue into the ceiling plane to maximize the acoustically absorptive area.

KEY FEATURES

Techstyle acoustical wall systems are formaldehyde-free, factory-wrapped acoustical panels with a simple integrated mounting system and extruded mounting rails.

The patented fiberglass construction reduces the amount of material by more than 50% when compared to traditional acoustical wall panels that perform at equivalent levels.

The spring-beam construction makes Techstyle wall panels extremely resilient to impact.

DESIGN POSSIBILITIES

Canvas Wall Panels*

Panels can match colors from any major paint manufacturer. Additional designs and textures include wood grains, plaster, stucco, leather, and many others (see image below).

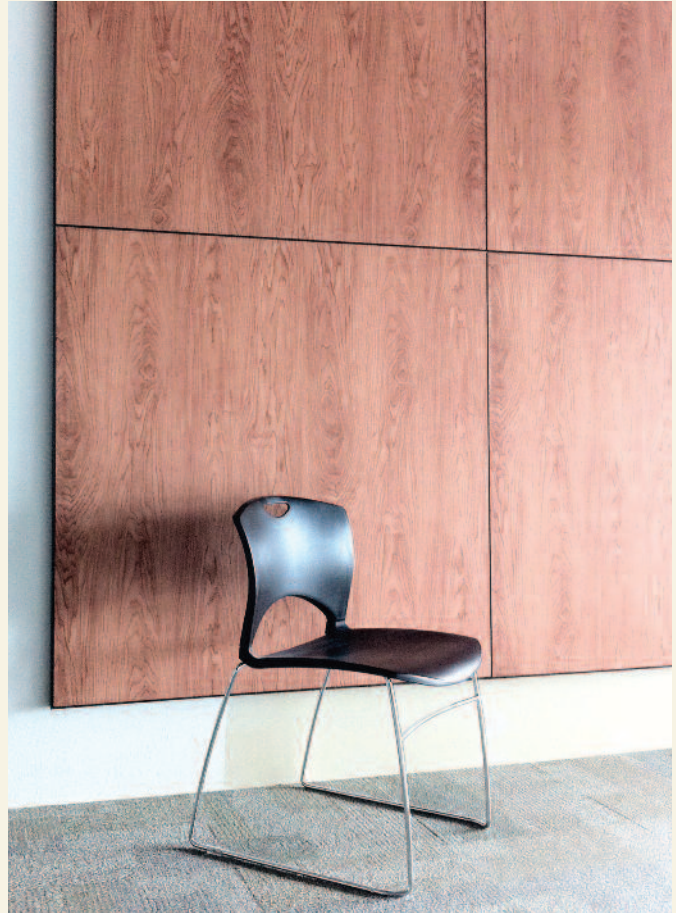
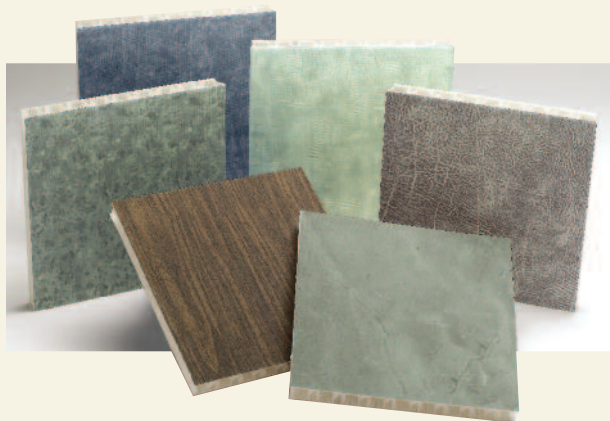
* Consult Hunter Douglas for minimum quantities

Translucent Wall Panels

Translucent Techstyle wall panels may be backlit to create attractive lighting effects.

"E" Acoustical Drywall

If the acoustical treatment needs to be invisible, the Techstyle E surface offers a white, drywall-like appearance. Techstyle E has a coated fiberglass surface, so application in low-impact areas is recommended.



SIZE AVAILABILITY

Techstyle Wall Panels come in two standard factory wrapped widths and three standard lengths:

Standard Sizes:

4 x 8



4 x 6



4 x 4



2 x 8



2 x 6



2 x 4



*other panel lengths available upon request

MOUNTING METHODS

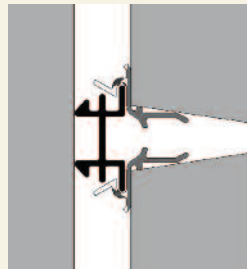
Techstyle wall panels come with factory installed mounting strips along the 4' or 2' width. The mounting strips snap into the wall-mounted continuous rails along the perimeter and to the A-mount rail at panel-to-panel joints.

The mounting method allows for an easy installation to vertical, sloped and horizontal surfaces.

If panels need to be cut at the perimeter, the perimeter extrusion can capture the cut ends under the flange.



Perimeter Mounting



A-Mount at Panel Joint



ACOUSTICAL PERFORMANCE

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.

TESTS AND APPROVALS

Surface burning characteristics:	Total composite - Class A (ASTM E 84)
Moisture resistance:	Resistant to 95% humidity in 104 degree F
Fungal resistance:	Meets ASTM 1338 standard for performance
Low VOC emissions	
– Canvas & Translucent:	CHPS passed
– Techstyle E "Acoustical Drywall":	GREENGUARD Certified for Children and Schools SM

ACOUSTICAL TEST RESULTS PER ASTM C 423

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	0.20	0.29	0.40	0.46	0.56	0.64	0.69	0.88	0.92	0.94	0.98	1.05	1.00	0.96	0.88
NRC 0.85	0.10	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	0.90	0.93	0.92


HunterDouglasContract

WINDOW COVERINGS	CEILING	SOLAR CONTROL	FAÇADES
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Cover Photo Credit
Project: Clayco Forum Studio Office
Location: St. Louis, MO
Architect/Specifier: J.P. Mathieu

 50% Recycled, 25% Post Consumer Waste