



Description

QuietZone Framed Acoustic Screens offer outstanding acoustical noise containment and are ideal for temporary enclosures or where a portable system is required. Each screen is 4.5' wide by 8' tall and consists of a heavy 11 gauge 1" square steel tube frame. The frame supports the acoustic material. Velcro type closures along each side allow multiple screens to be connected. Multiple screens can be positioned at various angles, allowing custom shaped walls and enclosures.

Uses

Owens Corning's *QuietZone* Framed Acoustic Screens are ideal for temporary or mobile noise control applications. The screens are flexible and portable. They can be used to create temporary dividers and are perfect as an enclosure for noisy machinery or to create portable isolation booths for field testing of equipment. The panels can also be used as work station dividers.

Features and Benefits

Flexible, Durable, Reusable

QuietZone Framed Acoustic Screens offer design flexibility and can be positioned in an unlimited number of configurations and easily moved. The heavy gauge steel frame construction makes the panels durable and long lasting. The panels conform to your needs even as conditions change.

Economical

QuietZone Framed Acoustic Screens are easy to install and do not require a professional, eliminating installation costs.

Moisture Resistant and Maintenance Free

QuietZone Framed Acoustic Screens are moisture resistant and do not require additional maintenance. The panels are steam cleanable.

Options

QuietZone Framed Acoustic Screens can be ordered in custom sizes to fit special applications and are available with clearview windows. Casters can be installed on the panels to facilitate frequent moves.

Technical Information

QuietZone Framed Acoustic Screens easily attach to the steel frame using nylon cable ties (included). The standard product consists of a 4' x 8' steel frame which supports a 4.5' wide by 8' tall acoustic panel. Custom sizes are available for specific applications.

Each section is stable as a free standing unit. Optional casters are recommended for screens requiring frequent movement.

* The acoustical performance of screened systems may vary based on screen to screen fit and existing field conditions.

Product Description

Product	Barrier Surface Weight	Description
QZAS-QQ	1.3	Reinforced Barrier w/ 1" quilting both sides

Surface Burning Characteristics

Tested in accordance to ASTM E 84.

Product	Flame Spread	Smoke Development	Classification
QZAS-QQ	15	50	Class A

The ASTM E 84 standard should be used to measure and describe the properties of materials, products, or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products, or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment, which takes into account all of the factors, which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

Sound Transmission Loss (dB)

Tested in accordance to ASTM E 90-99 within a NVLAP accredited laboratory.

(Panel specimen size: 48" x 84")

¹/₃ octave band data available upon request.

Product	Sound Transmission Loss (dB), Frequency (Hz)						STC
	125	250	500	1000	2000	4000	
QZAS-QQ	14	16	22	34	36	31	28

QuietZone™ Framed Acoustic Screens

Sound Absorption Coefficients

Tested in accordance to ASTM C 423-02 within a NVLAP accredited laboratory.

¹/₃ octave band data available upon request.

Type A Mount (Specimen directly applied to a hard, solid surface.)

Product	Frequency (Hz)						NRC	SAA
	125	250	500	1000	2000	4000		
QZAS-QQ	0.09	0.66	0.86	0.95	0.62	0.33	0.75	0.76

Tested in accordance to ASTM C 423-02 within a NVLAP accredited laboratory.

¹/₃ octave band data available upon request.

Type J Mount (Specimen hung with 1 1/2" air gap between blanket and wall.)

Product	Frequency (Hz)						NRC	SAA
	125	250	500	1000	2000	4000		
QZAS-QQ	0.09	0.66	0.86	0.95	0.62	0.33	0.75	0.76

Flame Propagation Characteristics

Tested in accordance to NFPA 701.

(Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.)

Product	Result
QZAS-QQ	Pass



OWENS CORNING WORLD HEADQUARTERS

ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659

1-800-GET-PINK

www.owenscorning.com