



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

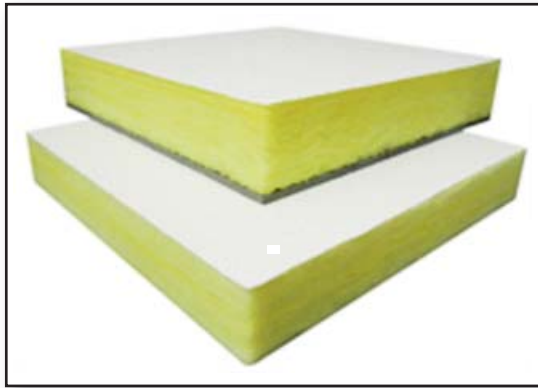
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**We Identify and S.T.O.P. Your Noise Problems**



## Perforated Vinyl Ceiling Tile Acoustical Ceiling Tile

- High Performance Acoustics
- Lightweight
- Durable Woven Facing
- Sag Free

**MATERIAL:** Semirigid fiberglass with perforated vinyl facing. Available with mass loaded vinyl barrier backer.

**SIZES:** (Standard) Nominal 2' x 2', 2' x 4'. Available in 4' x 4' and 4' x 8' (custom sizes also available)

**THICKNESS:** 1" or 2"

**COLORS:** White

**APPLICATIONS:** Ceiling tile applications where high acoustical performance is required

**WEIGHT:** 0.5 lb./sq./ft. for 1", 1 lb./sq. ft. for 2"

**FLAMESPREAD:** Per E-84, 25 f/s, Smoked developed 50

**LIGHT REFLECTANCE:** LR-1 (actual .87)

**THERMAL RESISTANCE:** 1" = R-4

**MAINTENANCE:** Easily cleaned with soft brush or vacuum



*Barrier Backed Options*



*Close up of Perforated Vinyl*

	Mount	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
1"	E	.69	.95	.85	1.06	1.11	1.08	.95

*Continued on page 2*



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## FABRIC PANEL S.T.O.P.™

### Web Core Microperforated Vinyl Facings

**Description:**

Total Weight (oz./lin. yd.) 54" width average .....	12.0
Total Weight (oz./lin. yd.) .....	8.0
Vinyl Weight (oz./lin. yd.) .....	5.0
Fabric Weight (oz./lin. yd.).....	3.0
Fabric type and count.....	Polyester Sheeting (22 x 26)
Total average thickness .....	.018

Light Reflectance Value (LR Value) is reported as average percent reflectance as measured by ASTM E-97 test method.

Web Core was applied to 1" thick 7PCF rigid acoustical fiberglass on a #4 mounting and tested for noise reduction coefficient. The result was 0.80 NRC.

This pattern satisfactorily passes physical requirements for type I as listed in G.S.A. Federal Specification CCC-W-408A. (Federal Specification CCC-T-191 details test procedures required.)

**Fire Resistance:**

This pattern meets the requirements of National Fire Protection Association (NFPA) Class A or 1."

Flame Spread.....	20
Smoke Developed .....	65

\*Note: The numerical flame spread rating and other test results referenced herein are not intended to reflect hazards presented by this or any other material under actual fire conditions.

**Stain Resistance:**

(ASTM D-1308, METHOD B-24 hour exposure followed by washing with soap and water.) The following staining agents resulted in NO Stain on the material when using the aforementioned test method.

Ethanol	Pencil	Tea	10% Hydrochloric Acid
Vinegar	Mayonnaise	Milk	10% Sodium Hydroxide
Detergent	Bleach	Coca-Cola	Oleic Acid
Lemon Juice	Crayon	Port Wine	10% Ammonia
Coffee	Ketchup		Hydrogen Peroxide

**Cleaning Procedures:**

Common dirt and stains may be removed from Web Core products by rubbing lightly with a moistened cloth, sponge or stiff bristle brush using a mild soap, detergent or non-abrasive cleanser. It is important that clean water be used on a constant basis and that the material be towel dried.

**CAUTION!** Strong organic solvents (such as ketones) and harsh abrasive cleaners are not recommended. These materials will cause dulling, discoloration or softening of the vinyl, thus causing permanent damage.