

Silk Metal™

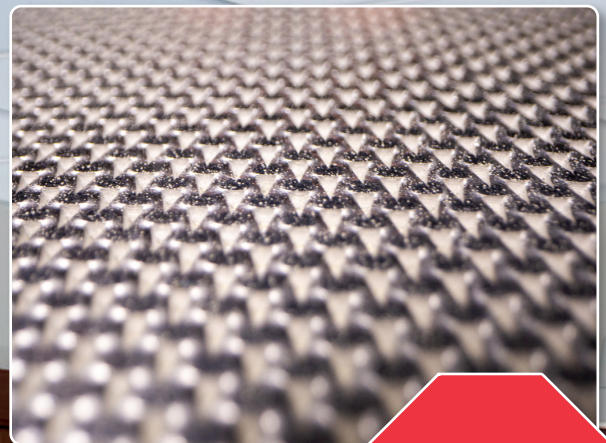
Micro-Perforated Aluminum Acoustic Ceiling & Wall Panels

Silk Metal Absorptive Ceiling & Wall Panels

Silk Metal ceiling and wall panels are advanced micro-perforated aluminum acoustic panels that reduce echo and sound reflections while maintaining a smooth, silk-like appearance. Available as tegular or flat tiles for standard 15/16" ceiling grids, they achieve an excellent NRC rating of 0.80 without a fibrous backer. A patented angled micro-perforation process, rather than traditional 90° perforations, enhances the absorption of sound wave energy while also aiding electromagnetic and heat mitigation.

FEATURES & BENEFITS

- Anodized or custom printed finish options
- Smooth, monolithic appearance
micro-perforations are nearly invisible.
- Extensive customization options
- Excellent NRC (0.80) without a fibrous backer
- Wall panels or flat & tegular ceiling tiles



STOP NOISE

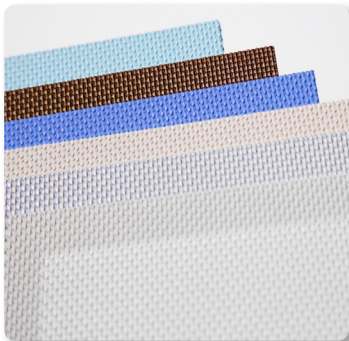
ACOUSTICAL
SURFACES INC.

Silk Metal™

Micro-Perforated Aluminum
Flat or tegular ceiling tiles &
Custom made ceiling & wall panels



Silk Metal™ Sound Absorption (NRC)							
Mounting type	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
E-400	.86	.94	.65	.77	.76	.75	.80
A Mount w/ 1" fiberglass	.09	.48	.87	1.01	.98	.81	.85



APPLICATIONS

Medical facilities, hospitals, clean rooms, laboratories, commercial kitchens and food preparation areas, restaurants and cafeterias, office spaces, conference rooms, classrooms and lecture halls, airports and transportation terminals, train and subway stations, hallways and corridors, lobbies and reception areas, exhibition halls and museums, exterior parking garages, swimming pool enclosures and aquatic centers, recording studios and pro audio studios, home theaters and media rooms, concert halls and performance venues, nightclubs and music venues.

FEATURES

Silk Metal™ micro-perforated aluminum ceiling and wall panels combine refined architectural aesthetics with high-performance acoustic control. Manufactured from precision micro-perforated aluminum (~0.04 mm perforations at roughly 190 per square inch), the panels feature a smooth, monolithic surface where the perforations are nearly invisible, creating a clean appearance similar to fine silk fabric. Available as flat or tegular drop-in ceiling tiles for standard 15/16" grid, or as larger flat or formed sheets for wall panels and custom fabrication, Silk Metal offers extensive design flexibility with standard anodized color options, powder coated, or fully custom printed finishes. Despite their sleek metal surface, the panels achieve an excellent NRC of 0.80 without the need for a fibrous acoustical backer, making them well suited for environments that demand both durability and cleanliness. The result is a versatile acoustic solution ideal for applications ranging from medical facilities, laboratories, and clean rooms to restaurants, offices, transportation terminals, performance venues, and other commercial or specialty spaces where controlling sound reflections while maintaining a modern architectural finish is essential.

PANEL CONSTRUCTION

Micro-perforated aluminum
(~0.04 mm perforations at roughly 190 per square inch)

SIZES

Standard ceiling tiles: (2' x 2'), (2' x 4'), (4' x 8'), (4' x 8')
Sheets (clear anodized) 26 3/4" x 94 1/2"
Sheets (mill finish) 50" x 118"

THICKNESS

.04" aluminum

FLAMMABILITY

ASTM E-84 Class A

INSTALLATION

Direct mount ceiling or wall panel hardware varies by job. Ceiling tiles dropped into 15/16" T-bar ceiling grid

Test reports and additional information can be found at:

<https://www.acousticalsurfaces.com/silk-metal/silk-metal-ceiling-wall-panels.html>



ACOUSTICAL | SURFACES, INC.

Celebrating Over 40 Years - SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS!

952.448.5300 | 800.448.0121 | sales@acousticalsurfaces.com | www.acousticalsurfaces.com