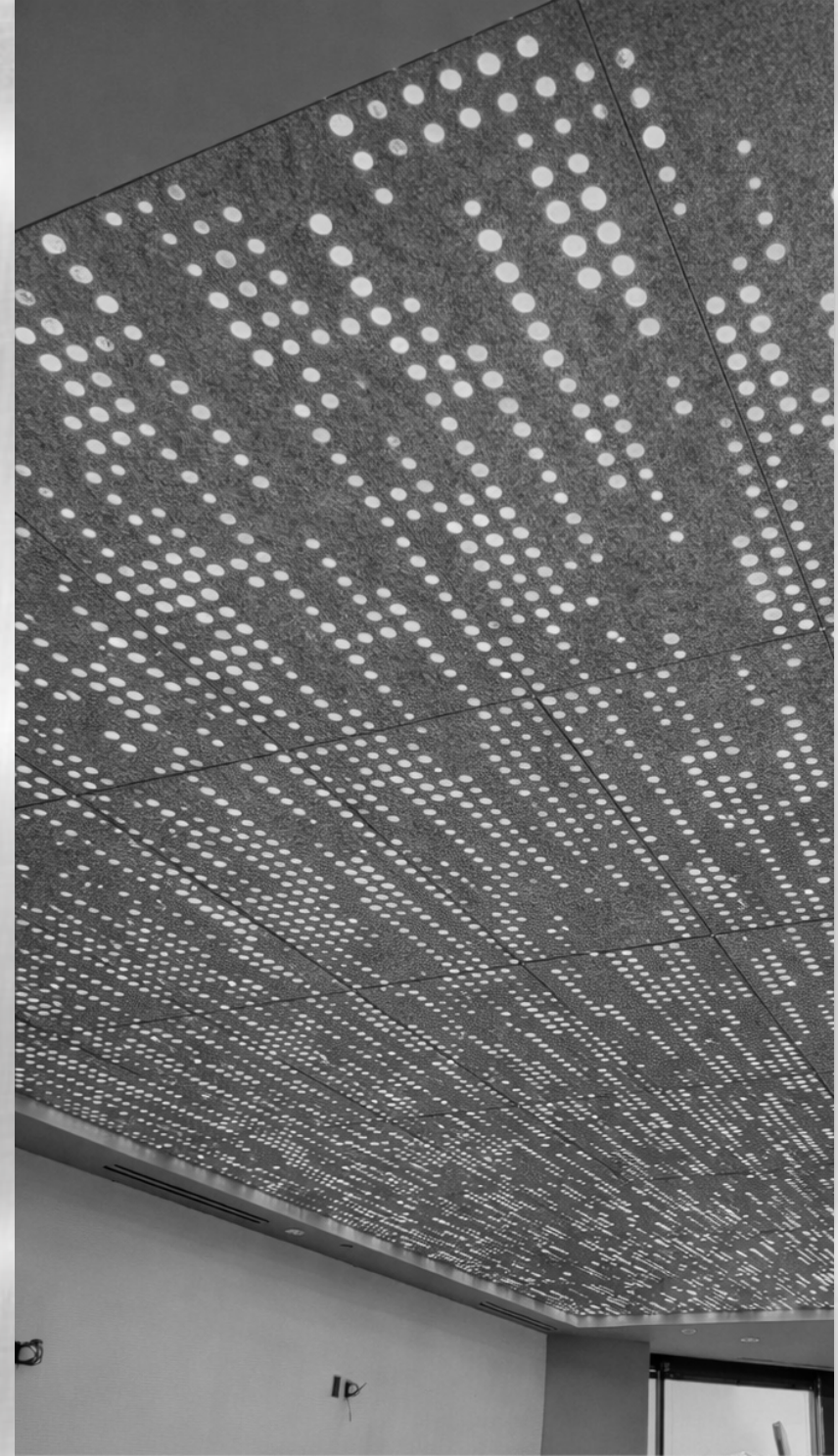


PERFORATE™

Acoustic Integration & Performance

 ANDALUSIA

Andalusia's Perforate platform integrates **acoustic materials** directly behind or on the face of perforated metal panels, combining sound absorption, visual depth, and color within a single coordinated system.



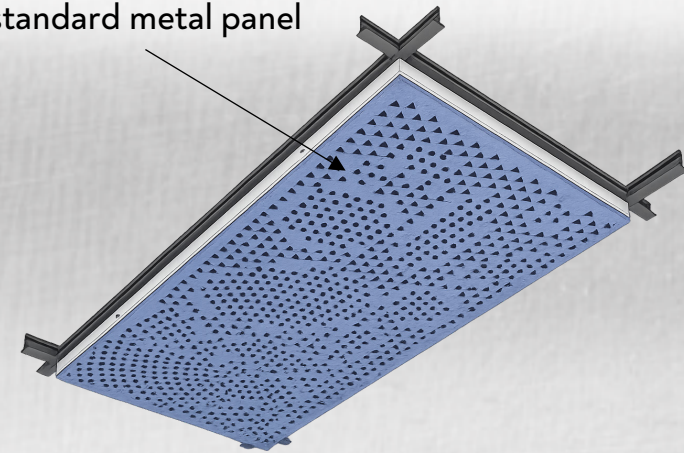
Option A – Acoustic Insert

- PET felt or alternative acoustic infill installed behind the perf metal face
- Maintains metal-forward aesthetic
- Absorption is dependent on openness area of the perf panel

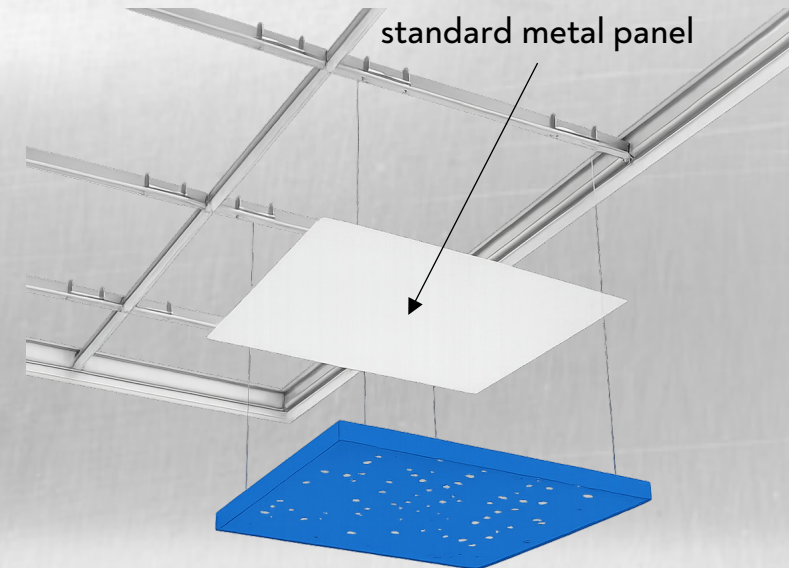
Option B – Acoustic Face

- Designer PET felt applied to the face of the perforated panel
- Felt is perforated to match the metal pattern
- Maximizes acoustic performance and softens visual language

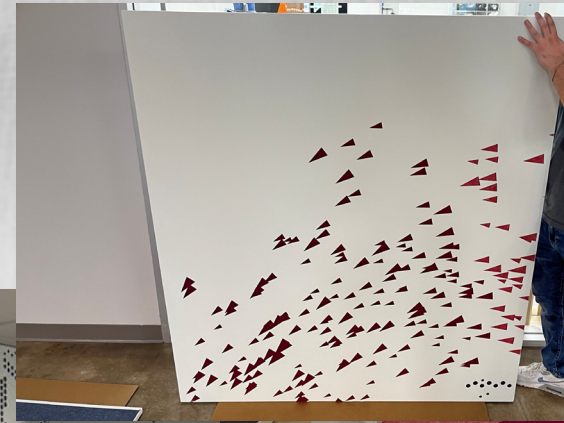
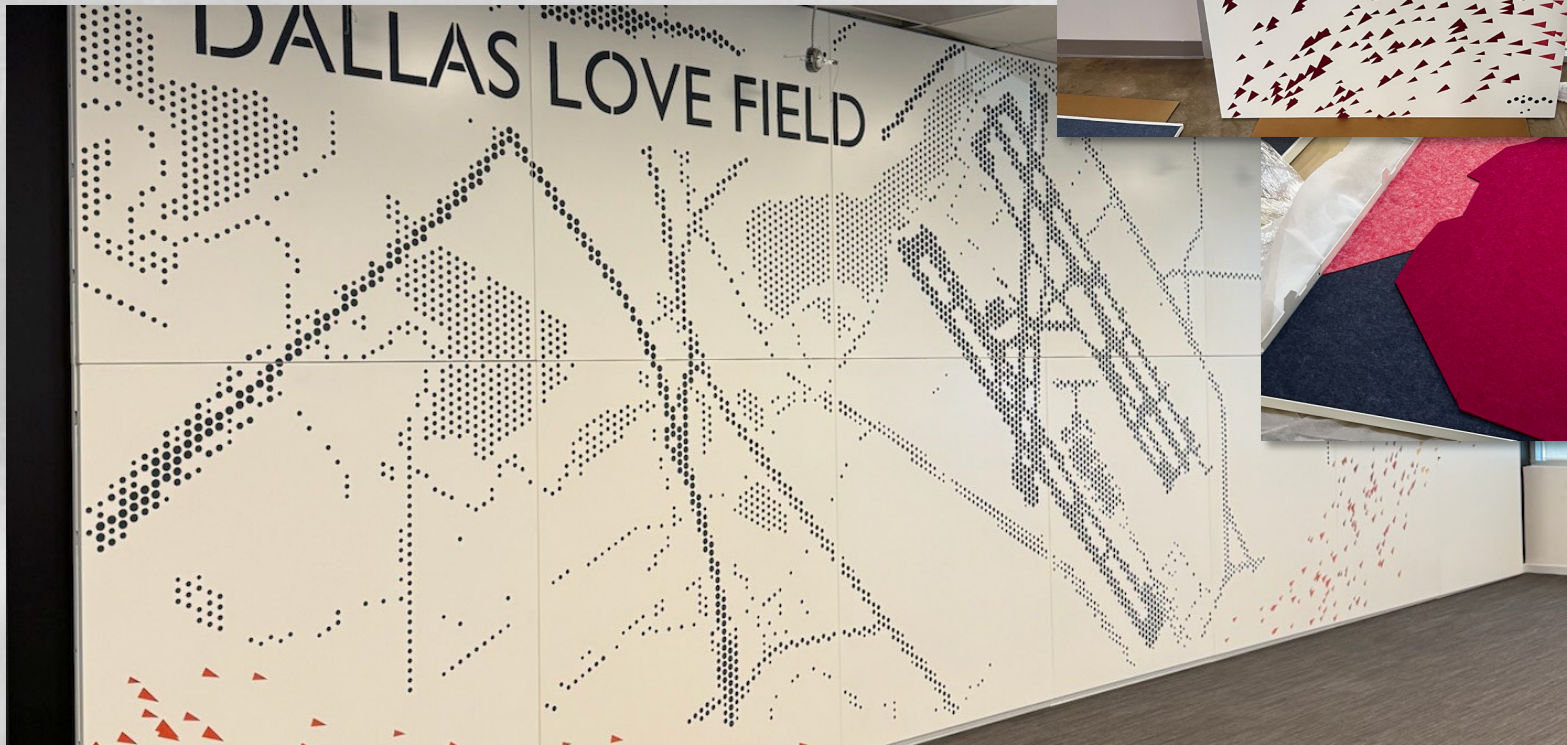
PET Felt Face on standard metal panel



PET or acoustic infill within standard metal panel



For acoustic backed applications, the material can be **custom designed and cut** for increased visual interest



Acoustic Materials

Primary Material – PET Acoustic Felt

- 9mm PET felt (up to 60% recycled)
- Durable, non-fibrous, and cleanable
- Available as insert or face material
- Compatible with complex perforation patterns and parametric designs

Secondary Materials (for felt-backed applications only)

- Rigid or semi-rigid acoustic infill installed behind the perforated metal panel
- Fiberglass or mineral fiber acoustic board
- Provides effective sound absorption without premium finishes
- Material selection coordinated based on acoustic targets, fire-rating requirements, and project constraints

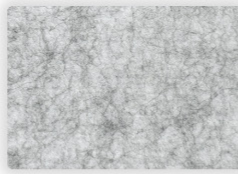
Standard PET Felt Colors



Snow
P114



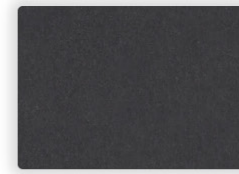
Overcast
P124



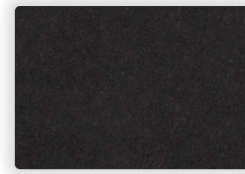
Iced Grey
P106



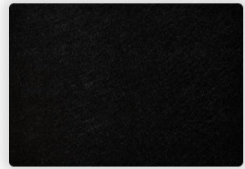
Ash
P100



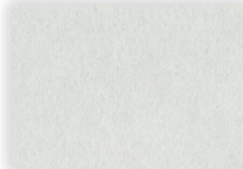
Slate
P105



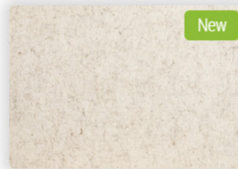
Charcoal
P101



Jet
P122



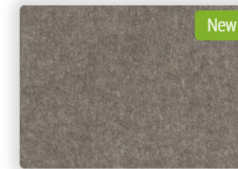
Canvas
P126



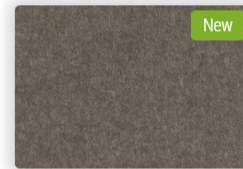
Parchment
P130



Oat
P116



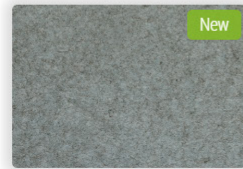
Smoke
P129



Clay
P128



Cocoa
P121



Arctic
P127



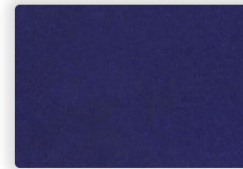
Spruce
P123



Denim
P118



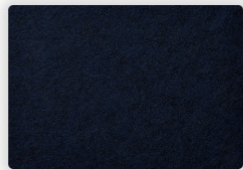
Sky
P117



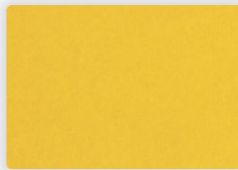
Cobalt
P102



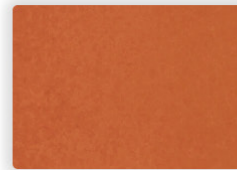
Blueprint
P125



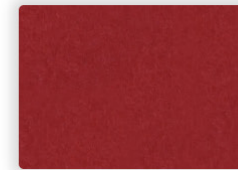
Midnight
P119



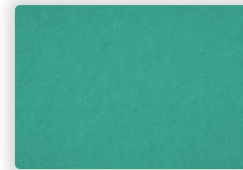
Sunflower
P111



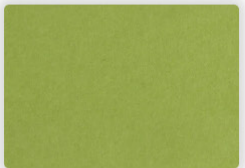
Tangerine
P109



Ruby
P108



Aqua
P115



Pear
P103



Moss
P120

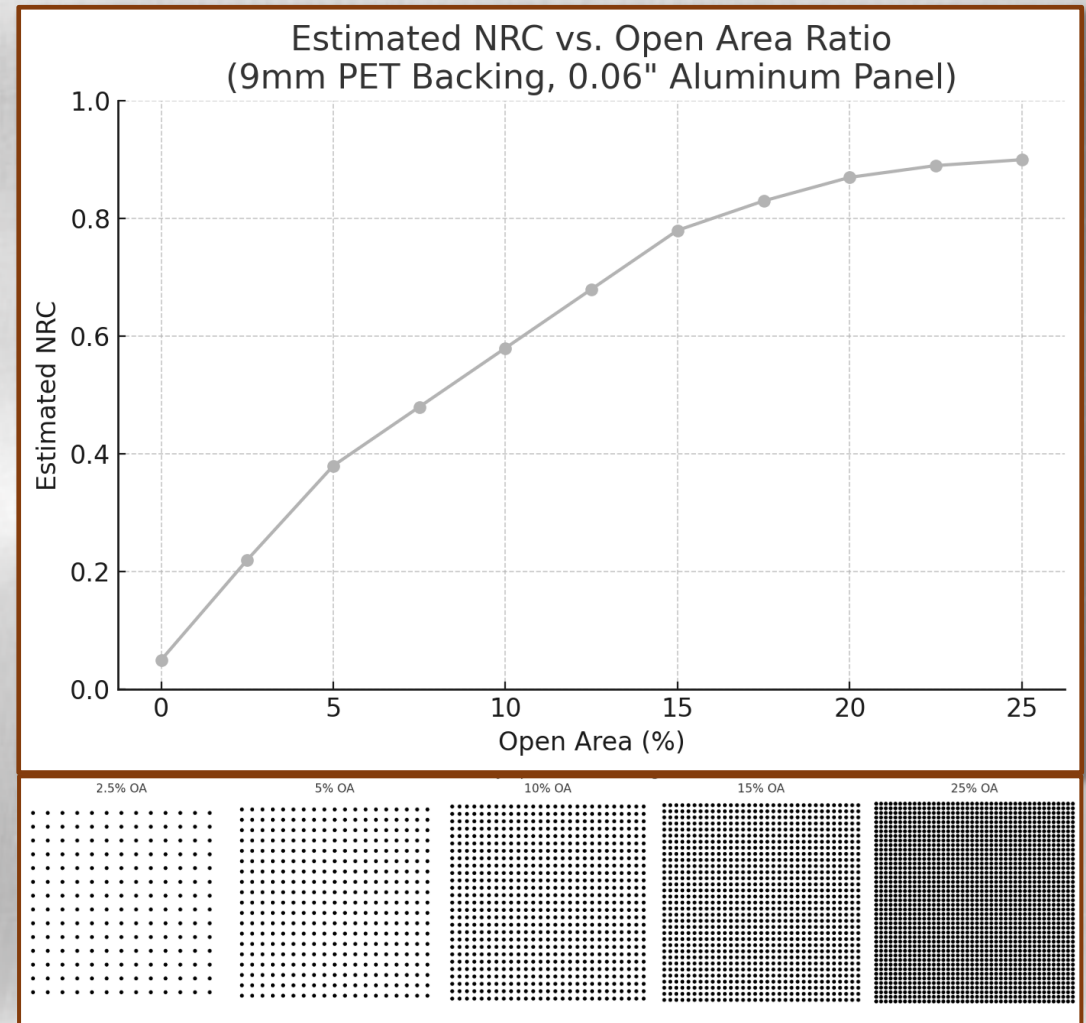
Acoustic Performance

PET-backed perforated panels reduce noise by allowing sound waves to pass through the perforations and be absorbed by the PET felt behind.

The result is improved clarity and reduced echo in a space.

The more open the panel, the more sound it absorbs. NRC values of 0.90 or higher with proper backing and openness area.

PET-face surfaces have NRC values around 0.50



© Andalusia Design – 2026

HIGH DESIGN MEETS DIGITAL FABRICATION



andalusia.design