

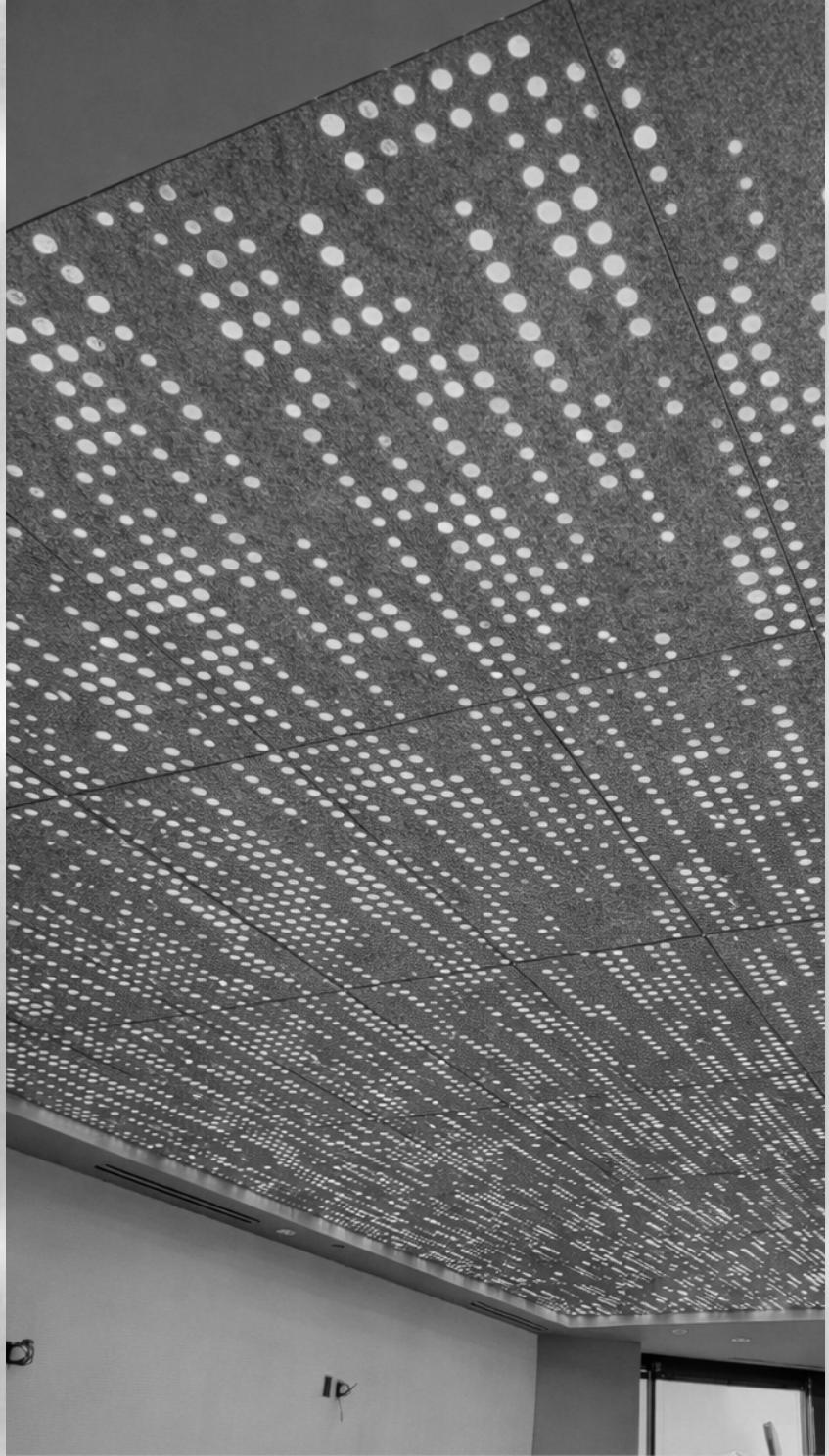
PERFORATE™

Acoustic Integration & Performance



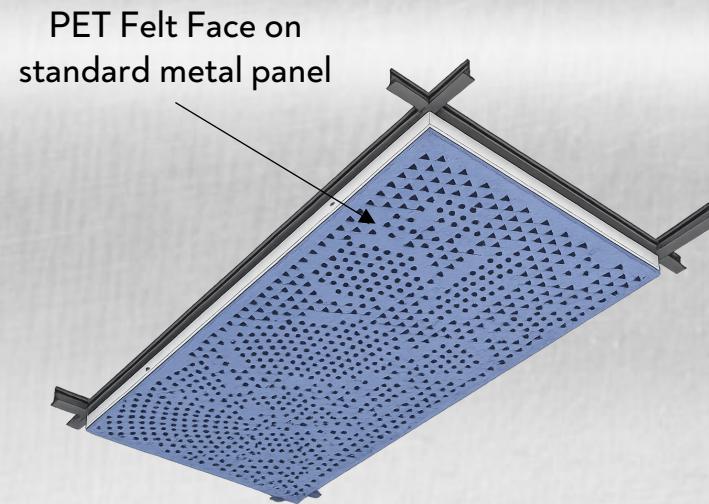
ANDALUSIA

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.



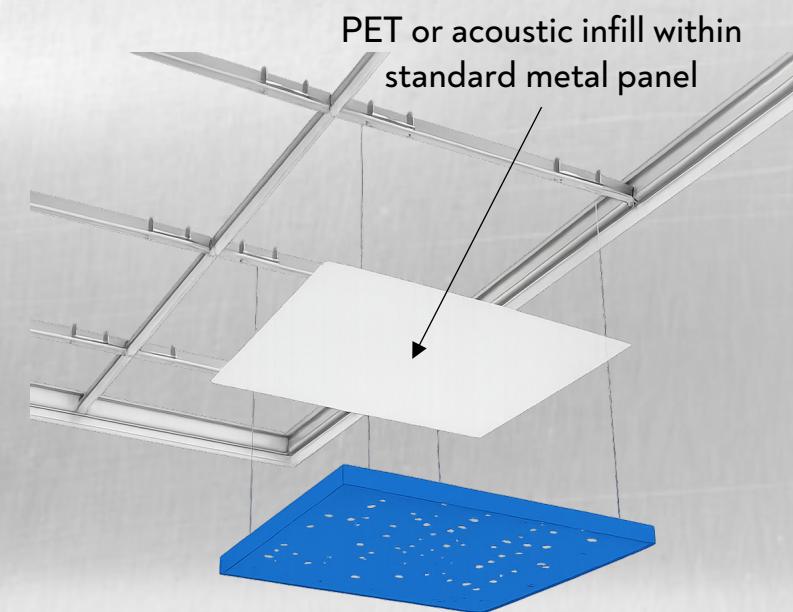
Option A – Acoustic Insert

- 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

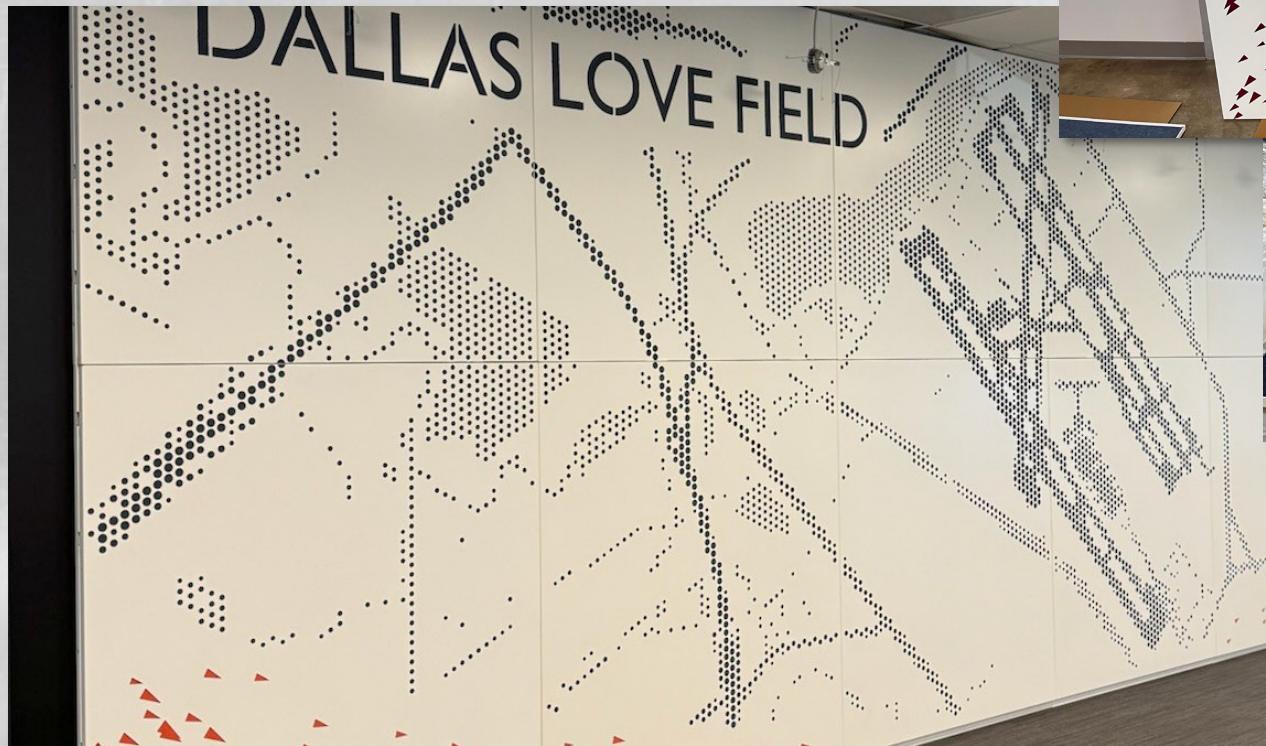


Option B – Acoustic Face

- 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



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



Acoustic Materials

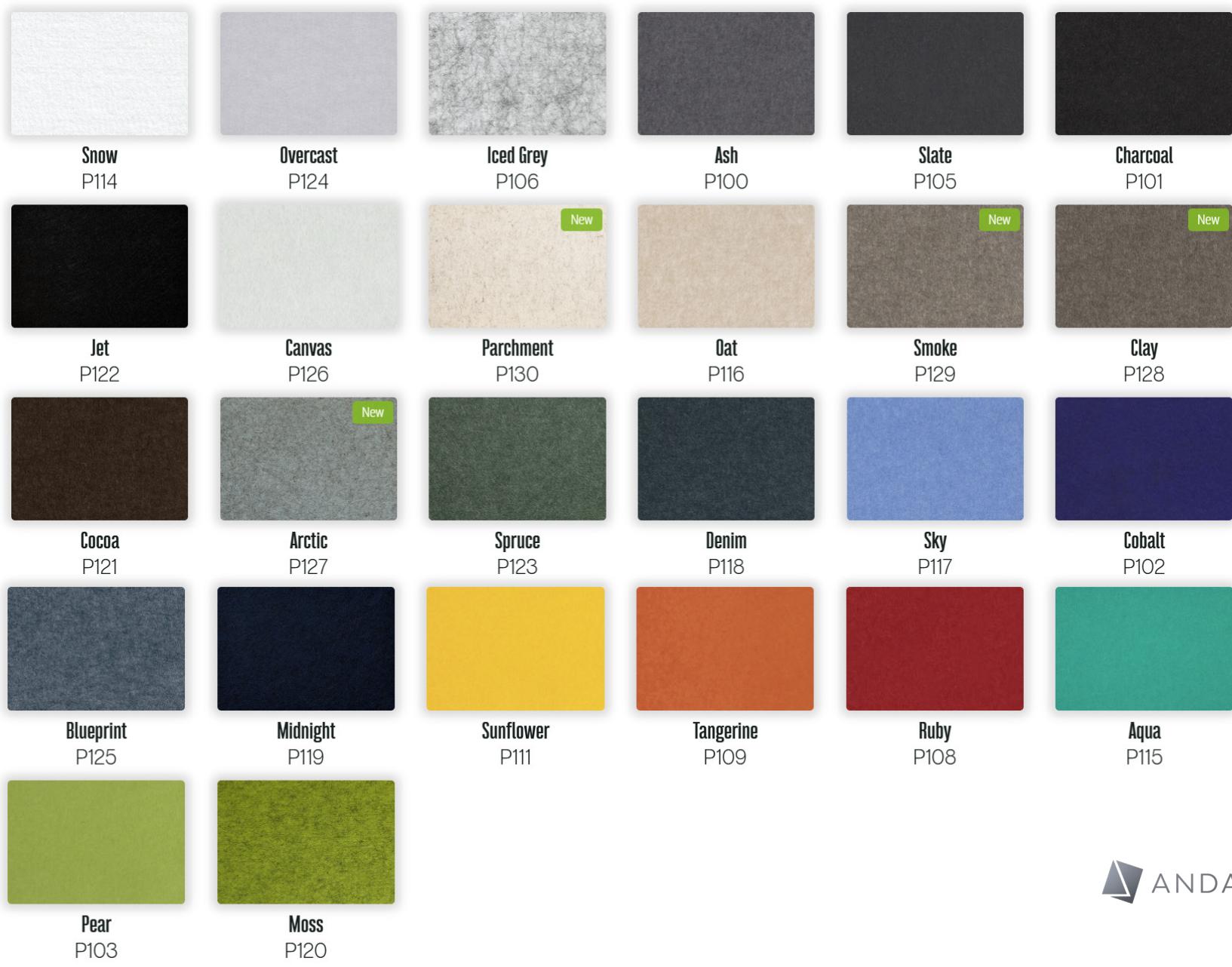
Primary Material – PET Acoustic Felt

- 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



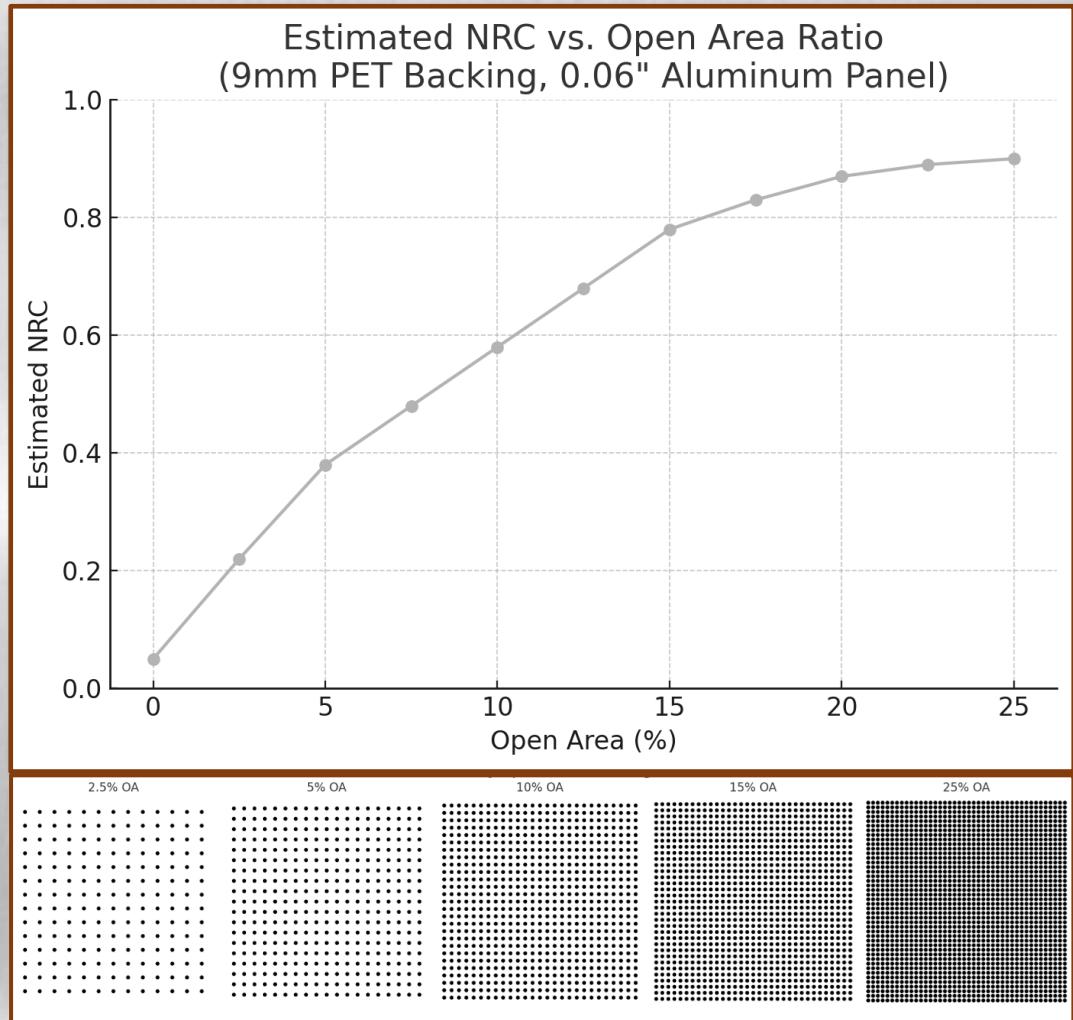
Acoustic Performance

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





HIGH DESIGN MEETS
DIGITAL FABRICATION



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