



ADDITIONAL WAYS TO SHAPE THE ENVIRONMENT WITH PERFORATED METAL



### Privacy

Screening, facades, railing panels, parapet walls, fencing



shapetheenvironment WITH PERFORATED METAL

### Beautification

Perforated images, logos, graphics, screening, facades, decorative panels



### Directing Objects

Security ceilings and walls, railing panels, fencing, screening walls



### Composing Views

Window screening, privacy screens, facades, railing panels



## LIGHT DIFFUSION sculpt the light

Architects often use perforated metal to reduce heat and glare from the sun while still allowing natural light to illuminate the area. The amount of direct sunlight that's diffused can easily be selected by altering the open area via the size of the hole diameters and hole spacings, making perforated metal an ideal choice.



- Lowers Energy Consumption
- Reduces Heat and Glare
- Increases Comfort
- Allows Natural Light
- Offers Privacy
- Provides Outside View

## HEAT REDUCTION tame the heat

While perforated metal is commonly used to ventilate heat, it can also be used to reduce the amount of heat that enters an environment. Similar to how perforated components decrease noise and diffuse wind, the amount of heat that's allowed to enter a space can be reduced by adjusting the perforated patterns open area.



- Reduces Heat
- Lowers Energy Consumption
- Increases Comfort
- Allows Heat Dispersion
- Provides Air Flow
- Increases Productivity

## SOUND ATTENUATION conduct sound

Perforated metal is used to control sound in public, professional, and industrial areas. The purpose of the perforated metal is to be so transparent or reflective to acoustically tune the environment. By reducing the hole size and/or spacings, less sound is allowed to pass through the perforated material, decreasing noise levels.



- Reduces Unwanted Noise
- Increases Comfort
- Tunes Frequencies
- Creates Privacy
- Increases Productivity
- Enhances Morale

## AIR DISPERSION guiding airflow

An exterior design considerations of perforated material is the estimated energy loss or pressure loss of wind through components like perforated building facades and railing systems. Airflow can be diffusions and diverted by altering the perforation pattern's hole size and the hole center to center distance.



- Diffuses Wind
- Increases Comfort
- Protects Assets
- Disperses Heat
- Allows Air Flow