

# Acoustic PET Wall Panels



PanelHush Acoustic wall panels are a PET (Polyethylene terephthalate) materials and acoustic panels are effective in reducing room echo and reverberation by absorbing sound waves that bounce off hard surfaces such as walls, floors, and ceilings.

PET materials are often used as a core material in acoustic panels because they are lightweight and have good acoustic properties. PET materials are made from recycled plastic bottles, making them an eco-friendly option for acoustic treatment.

Acoustic panels work by absorbing sound waves that hit their surface. When sound waves hit a hard surface, they bounce back and forth, creating an echo and increasing reverberation in the room. This can make it difficult to hear speech clearly and can create an unpleasant listening environment. When acoustic panels are installed, the sound waves hit the panels and are absorbed, reducing the amount of sound that bounces back and reducing the amount of echo and reverberation in the room.



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## Acoustic Performance & Technical

Acoustic Absorption - PET Wall Panels Acoustic Wall Panels

| Frequency (Hz)       | 125  | 250  | 500  | 1000 | 2000 | 4000 | NRC  |
|----------------------|------|------|------|------|------|------|------|
| PET Wall Panels 12mm | 0.40 | 0.85 | 1.00 | 0.96 | 1.00 | 1.00 | 0.95 |
| PET Wall Panels 24mm | 0.45 | 0.85 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |



### FIRE

PanelHush acoustic wall panels have been tested to EN 13501-1:2007+A1:2009 Fire classification of building products and building elements - Part 1: Classification using fire test reaction data, class B.



### WEIGHT

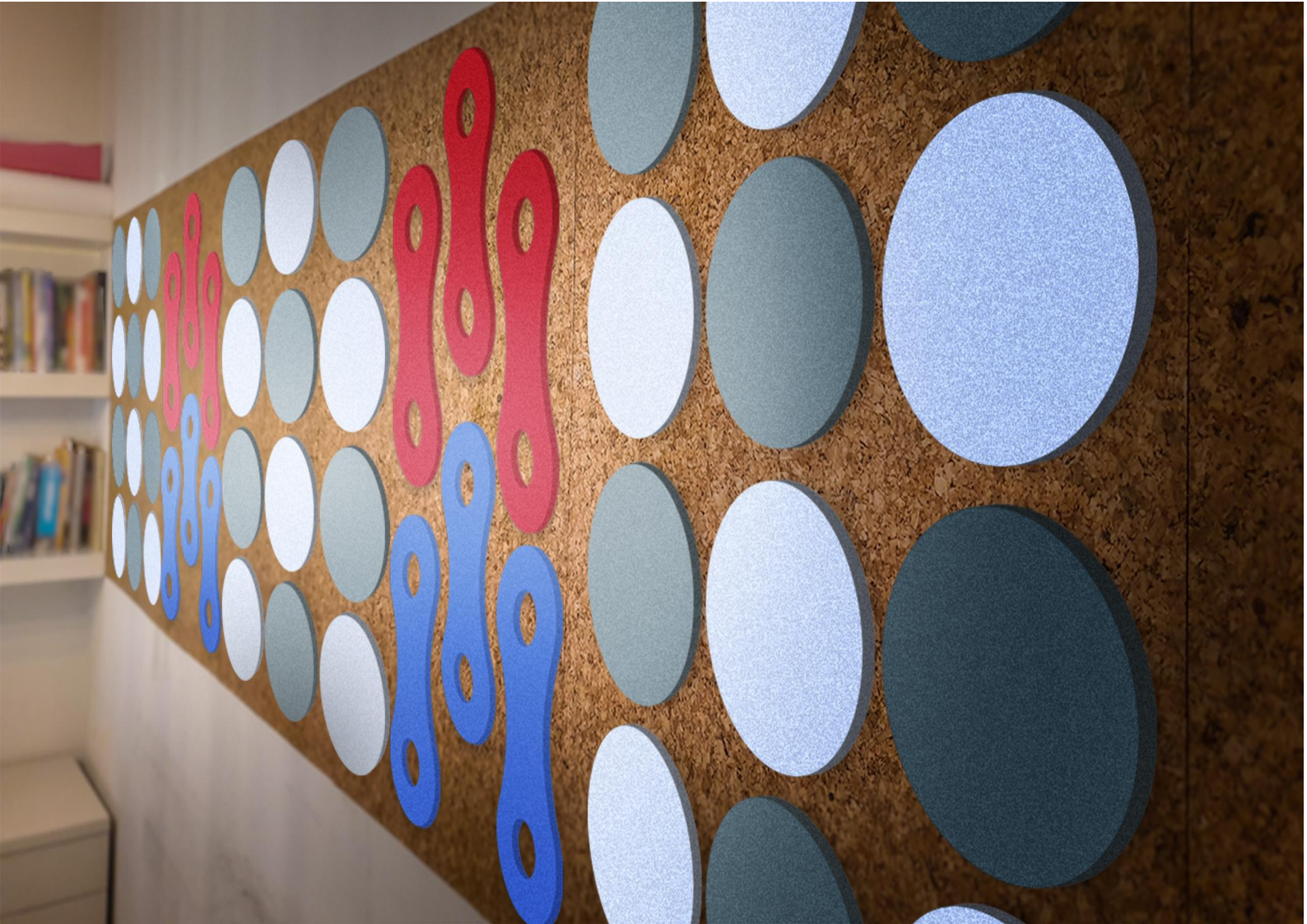
PanelHush Wall Tile weighs in at 4.5kg/m².



### CLEANING

Light dirt can be removed with a damp cloth. A small area should be tested before treating the rest to ensure the finish is not affected.



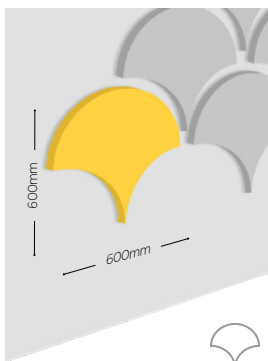




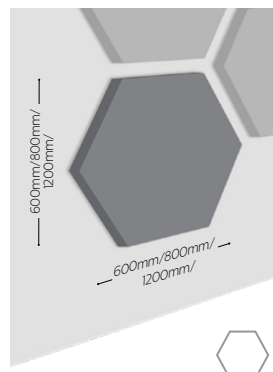
# Designs



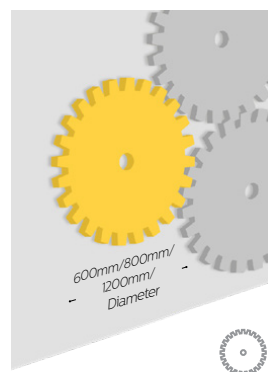
SHELL



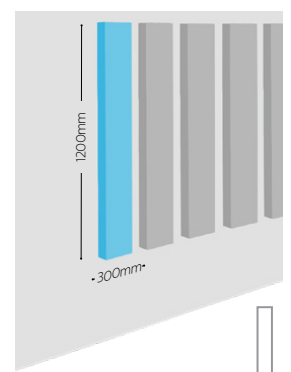
HEXAGONS



GEAR

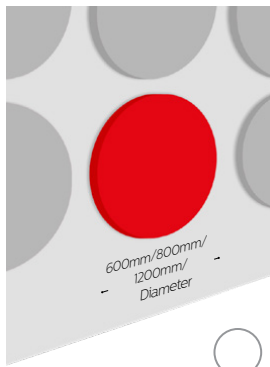


RAD

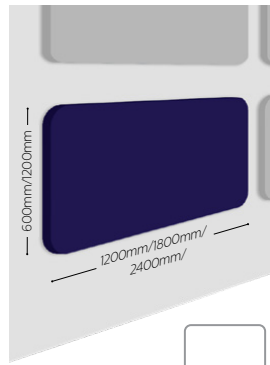


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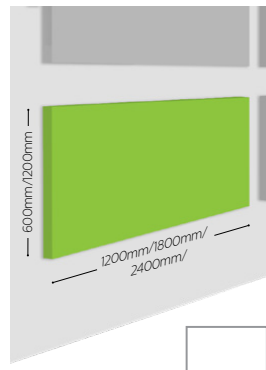
CIRCLES



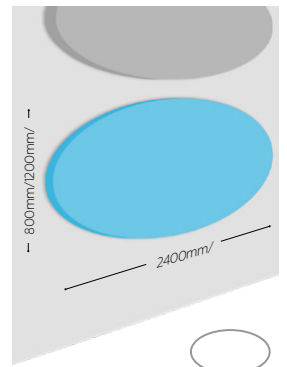
SOFT RECTANGLES



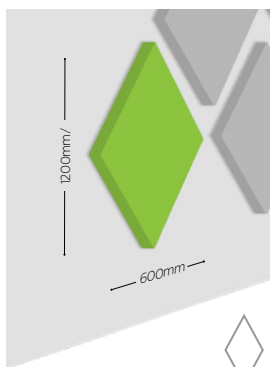
RECTANGLES



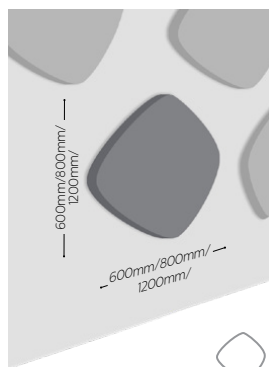
ELLIPSES



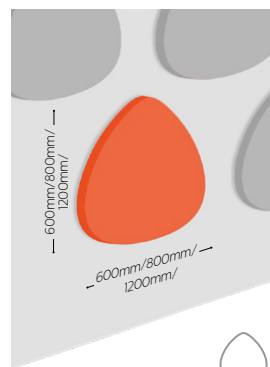
JEWEL



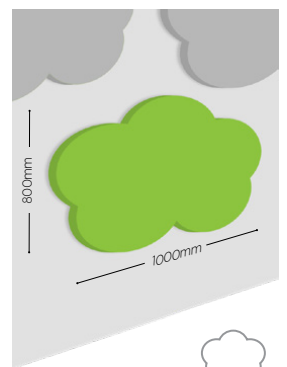
STONE



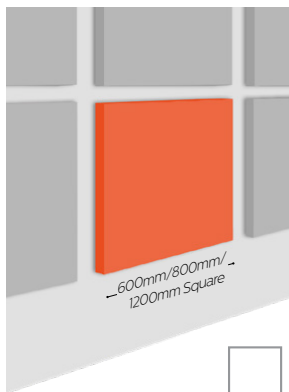
PETAL



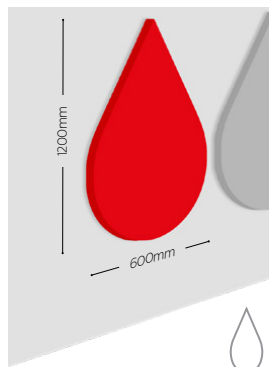
BUSH



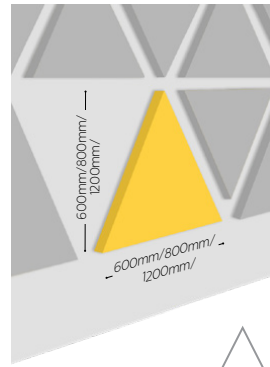
SQUARES



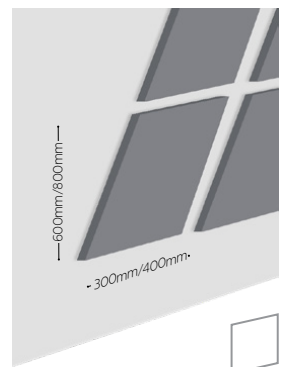
DROP



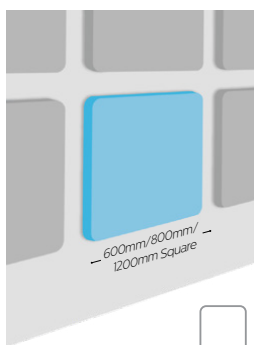
TRIANGLES



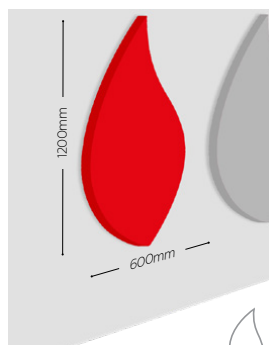
SLATE



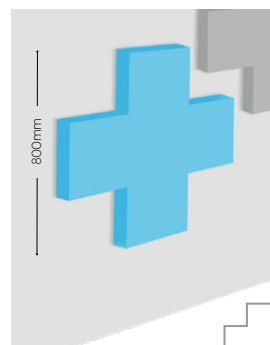
SOFT SQUARES



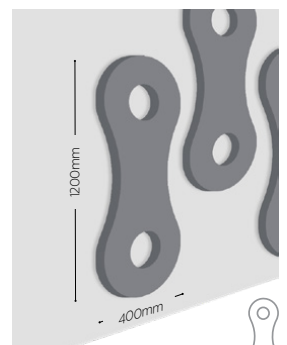
SEEDING



PLUS



CHAIN LINK



# PanelHush PET Panel Finishes



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