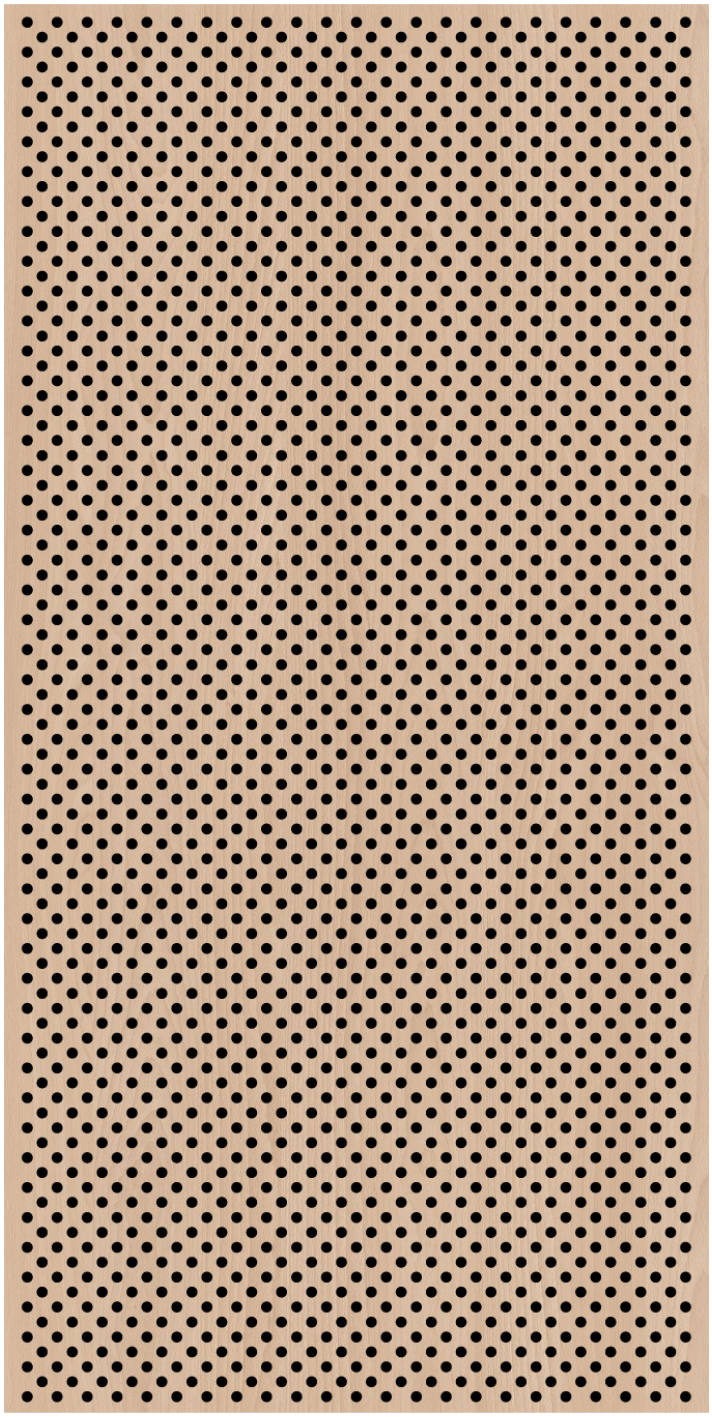
# DH12
# Panel Details

Diagonal Holes

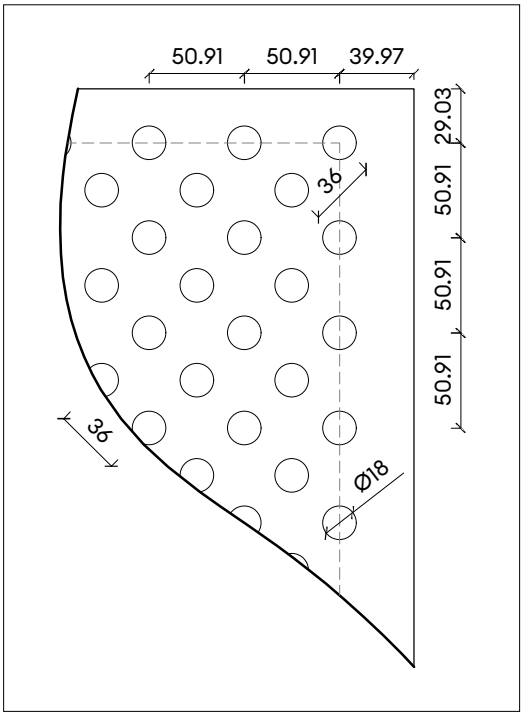
## Full Panel View



## Product Specifications

| | |
|---|---|
| **Machining Type** | Perforated |
| **Pattern Family** | Diagonal Holes |
| **Code** | DH12 |
| **Panel Dimensions** | 1200x2400mm |
| **Perforation** | 18mm Diameter |
| **Diagonal Spacing** | 36mm |
| **Horizontal Spacing** | 50.91mm |
| **Vertical Spacing** | 50.91mm |
| **Panel Area (exc. holes)** | 2.347m² |
| **Opening Area** | 18.49% |

## Detailed View



# DH12
## Acoustic Performance

Diagonal Holes

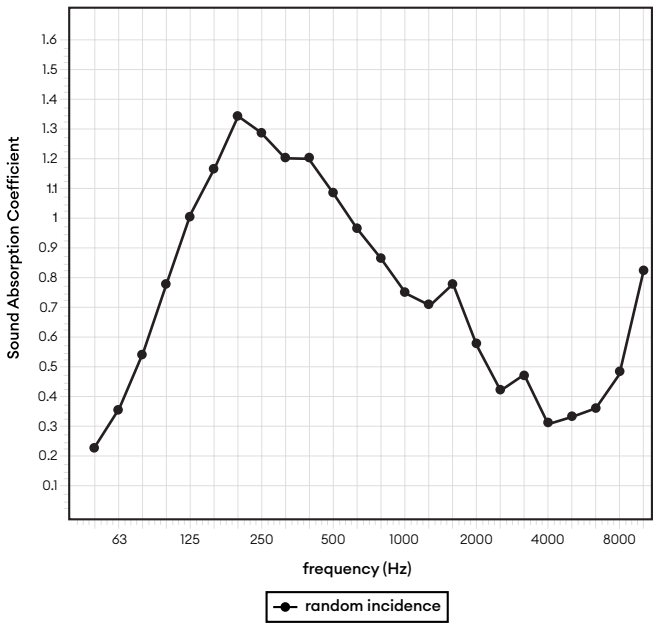
**NRC Rating: 0.95**

**Open Area: 18.49%**

This sound absorption prediction is based on a 12mm panel thickness, with an Acoustic Absorption Blanket (AAB) 20-100 in a 100mm cavity behind. Open Area % may differ slightly depending on final sheet size and perforation border.

Prediction made by Marshall Day Acoustics software based on measurements performed in Sweden and in the Laboratory of Acoustics of Auckland University, in New Zealand.

Margin of error is typically within +/– 0.05




| Frequency (Hz) | Alpha | Random |
|---|---|---|
| 50 | 0.24 | |
| 63 | 0.37 | |
| 80 | 0.55 | |
| 100 | 0.79 | |
| 125 | 1.01 | 1.00 |
| 160 | 1.17 | |
| 200 | 1.35 | |
| 250 | 1.30 | 1.30 |
| 315 | 1.21 | |
| 400 | 1.21 | |
| 500 | 1.09 | 1.10 |
| 630 | 0.98 | |
| 800 | 0.87 | |
| 1000 | 0.75 | 0.80 |
| 1250 | 0.71 | |
| 1600 | 0.79 | |
| 2000 | 0.58 | 0.60 |
| 2500 | 0.43 | |
| 3150 | 0.48 | |
| 4000 | 0.32 | 0.40 |
| 5000 | 0.35 | |