



## 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

## Overview

The **5300 Diamond Perforated** wood ceiling tiles offer a perforated tiled appearance with a diamond (or 60 degree) perforation pattern with a non-perforated border. The 5300 style Diamond Perforated Pattern is installed using any of the 4000 series Wood Tile suspension methods.

### SKU Table

Perf Spacing	Perf Diameter			
	6mm	8mm	10mm	12mm
16mm	5316-06	5316-08	5316-10	5316-12
23mm	5323-06	5323-08	5323-10	5323-12
32mm	5332-06	5332-08	5332-10	5332-12

\* Please see [9wood.com](http://9wood.com) for information on appropriate species selections.



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# Product Data

## Application

The Diamond Perforated Pattern permits acoustic attenuation. Accessibility is determined by attachment method.

## Performance

### Acclimatization

Diamond Perf Tiles must be cared for in a controlled interior environment (RH 25%-55% max; temp. 60°-80°) and installed only after reaching equilibrium moisture content. Should the building fall outside these limits consult 9Wood, Inc. for our 3 Tests/3 Tracks Acclimatization Advisory.

### Acoustics

The Diamond Perf Tile enhances acoustics with Sound-Tex™ acoustic scrim, factory-attached to the back side. For added sound attenuation, extra fiberglass absorptive material can be placed within the T-Bar grid. Insulation is typically provided locally.

### Fire Rating

Individual members and components can be treated with Class I (A) Fire Retardant chemicals (solid wood use FR coatings, veneered particleboard use FR formulas). Particular species or styles have not been tested.

### LEED

Diamond Perf Tiles may qualify toward MR-3, MR-4.1/4.2, MR-5.1/5.2, MR-6, MR-7, IEQ-4.2 or IEQ-4.4. As all products are custom-fabricated, LEED credit opportunities are project by project. Please contact 9Wood, Inc. for specifics.

### MEP

The Diamond Perf Tile permits MEP penetrations in the ceiling's surface. Cut panels may require supplemental reinforcement. Fixtures and diff users must be independently supported.

### Seismic

Diamond Perf Tiles may require a safety wire tie-off or screw-locks to T-Bar. Please consult local code or a licensed engineer for any additional requirements.

### Species & Finishes

9Wood can offer both domestic and imported species for the Diamond Perf Tile. Clear, satin sheen finish is standard; custom stain matches are available.

### Suspension

Diamond Perf Tiles are suspended from 15/16" heavy duty T-Bar main runners. Main runners are typically 2' on center.

### System Weight

Diamond Perf Tiles typically weigh 3 pounds per square foot or less.



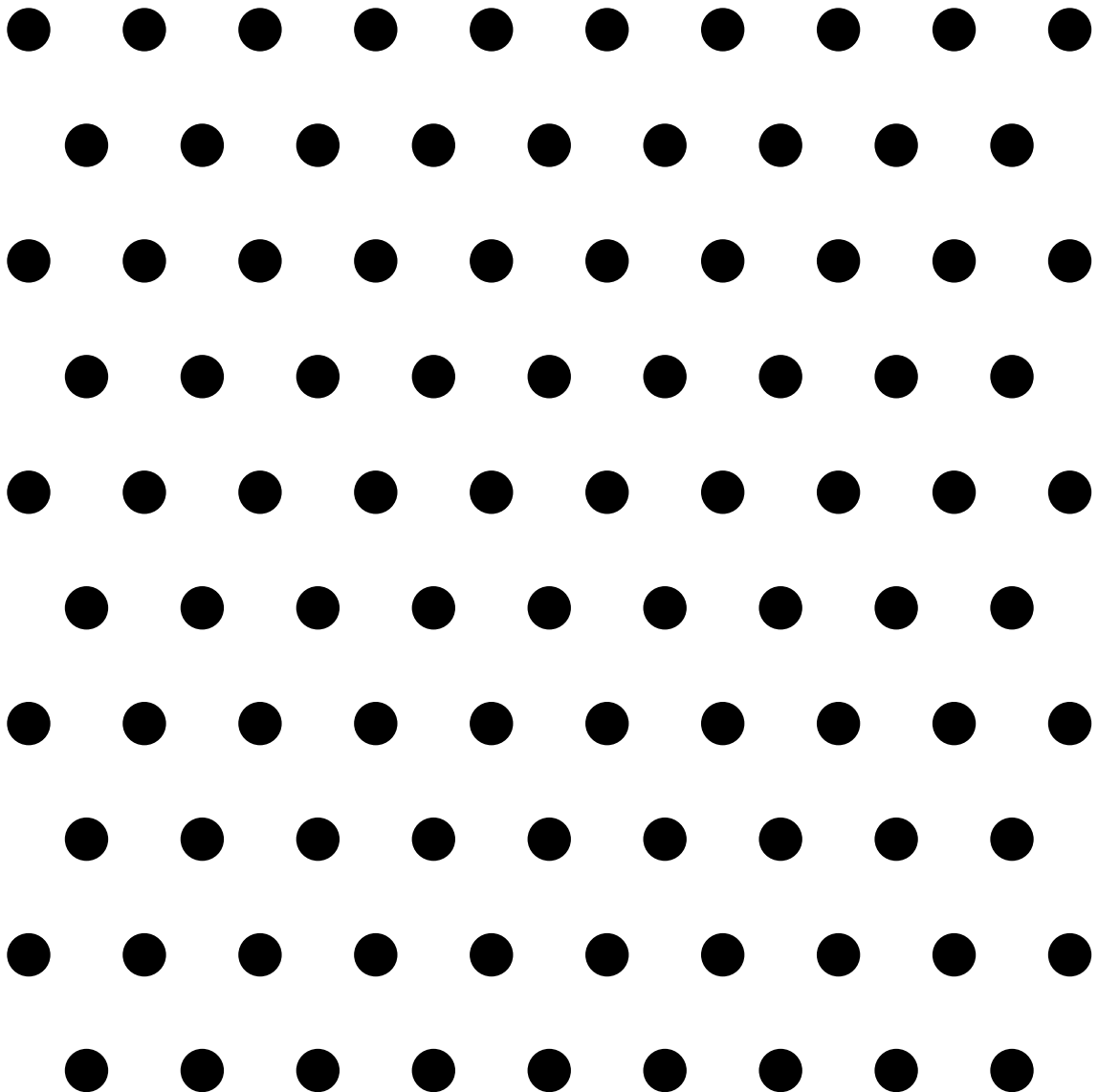
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-06  
Percent Open: 11.04%





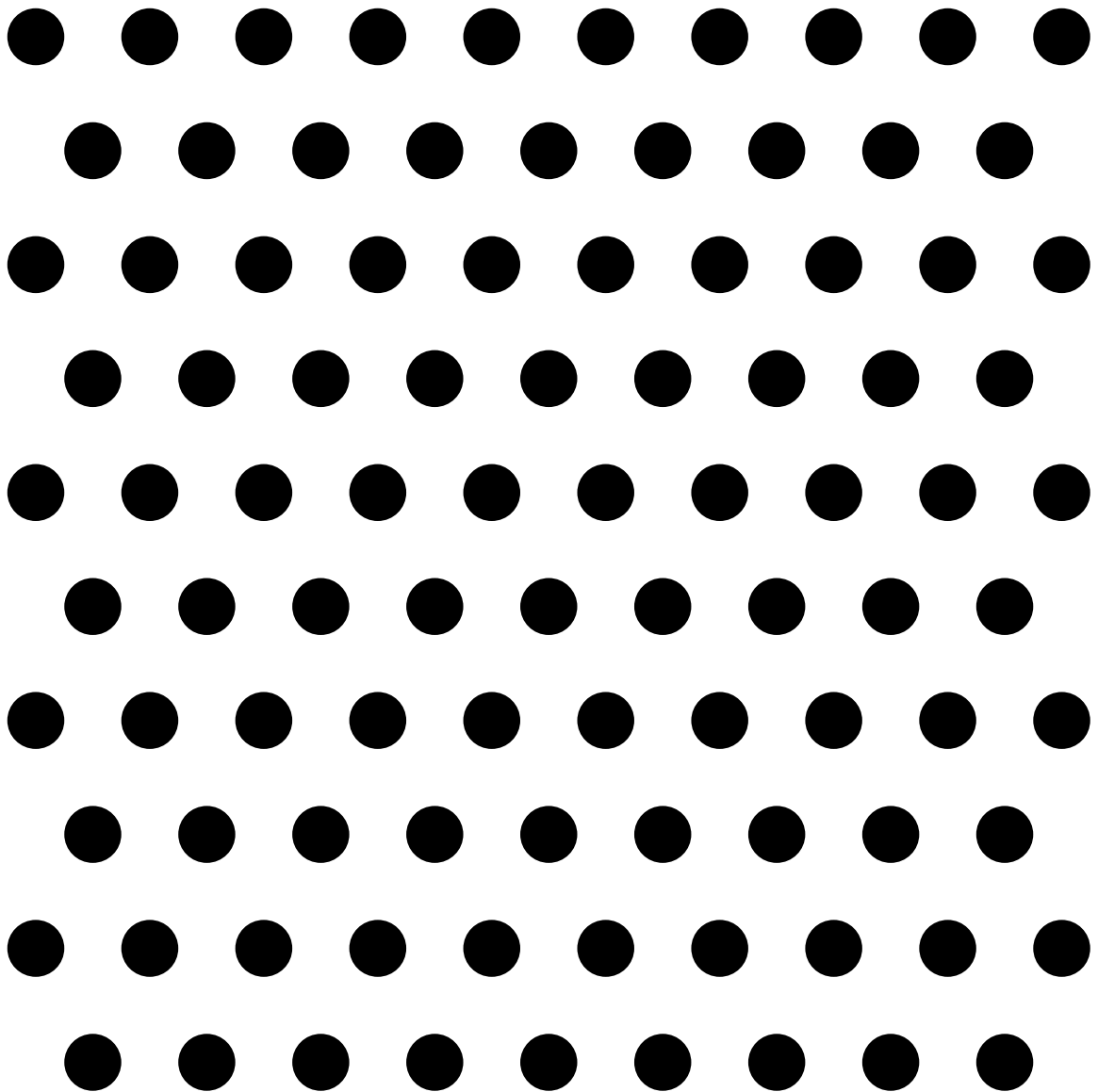
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-08  
Percent Open: 19.63%





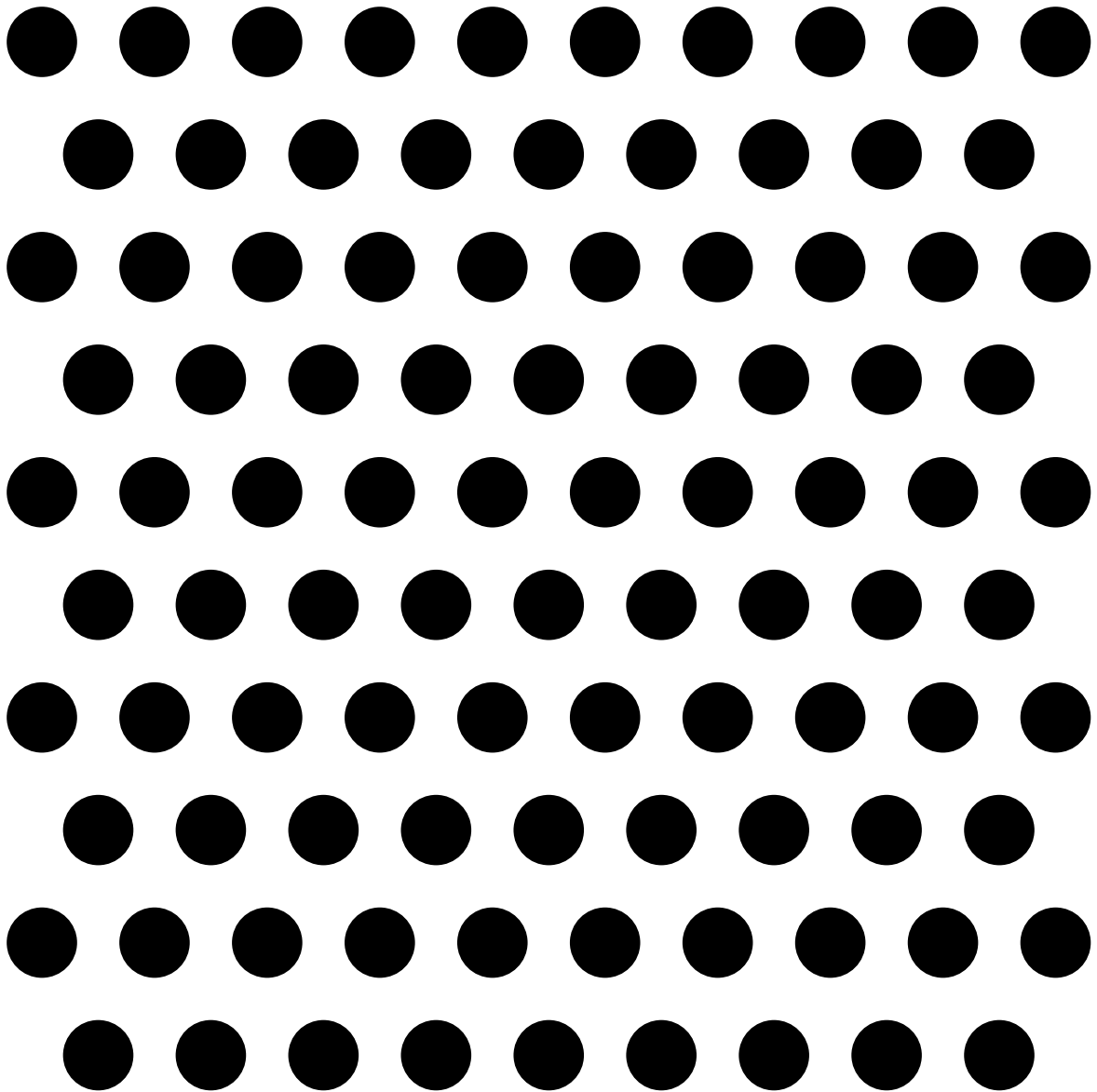
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-10  
Percent Open: 30.68%





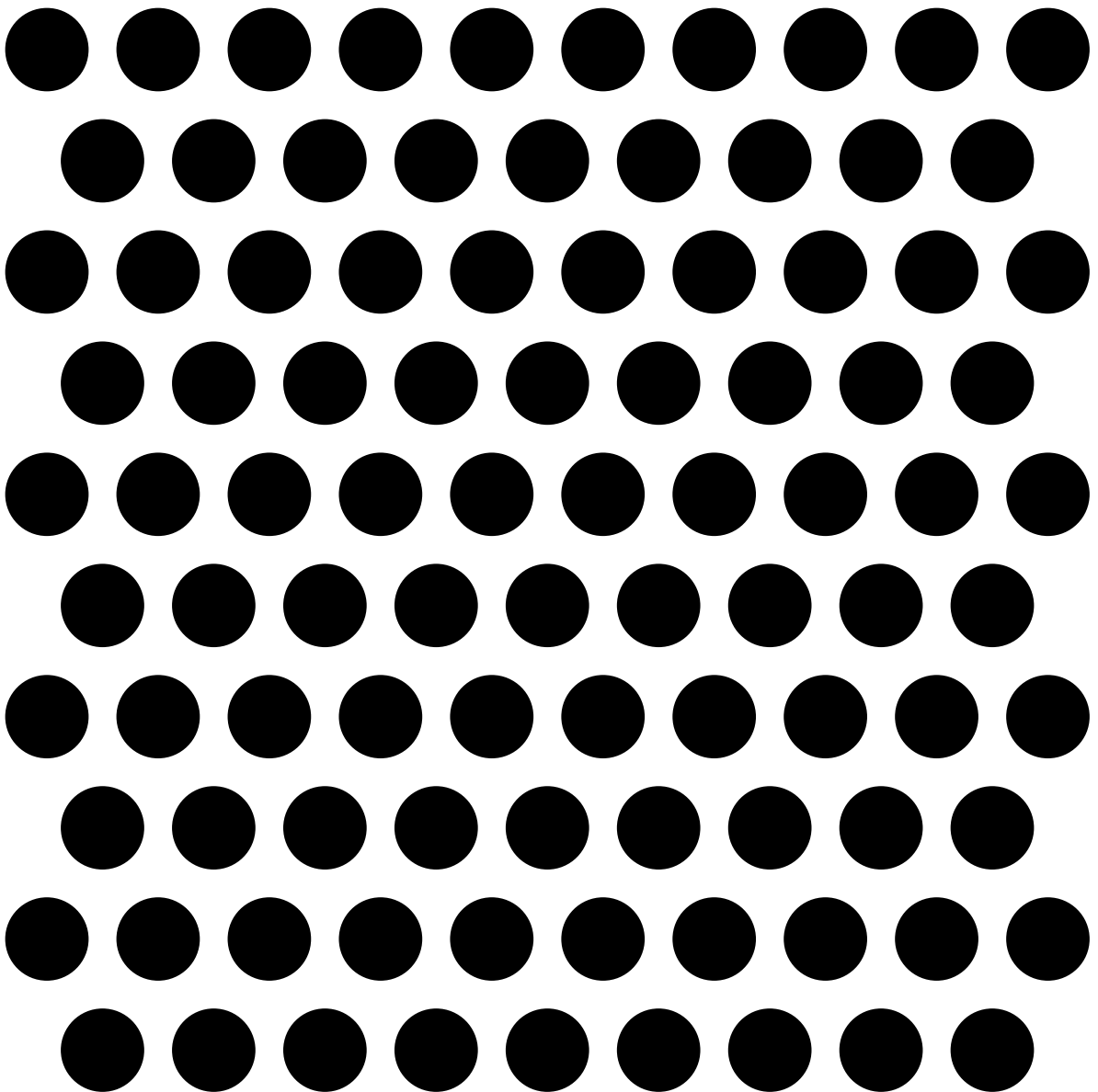
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-12  
Percent Open: 44.18%





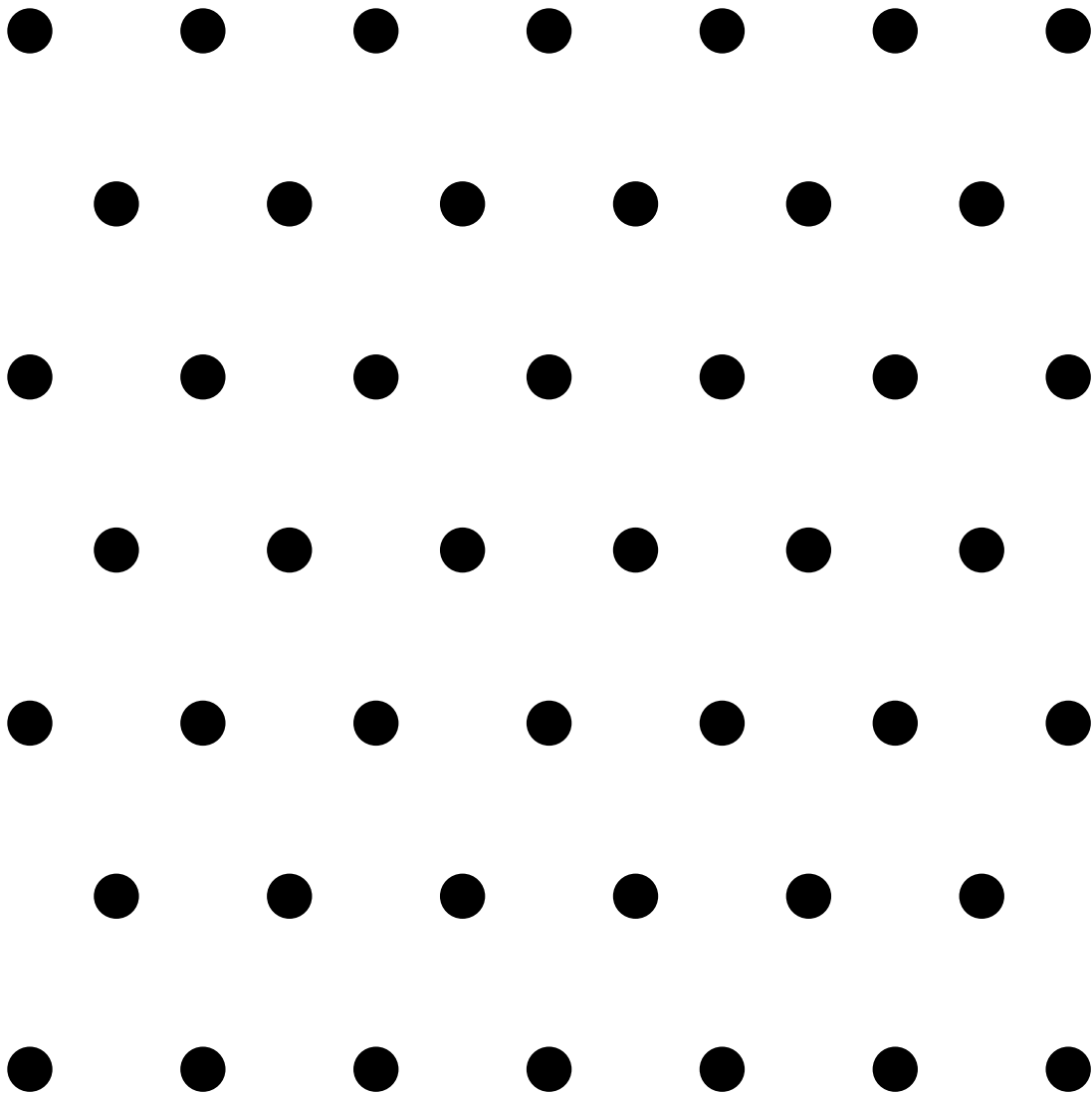
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-06  
Percent Open: 5.34%





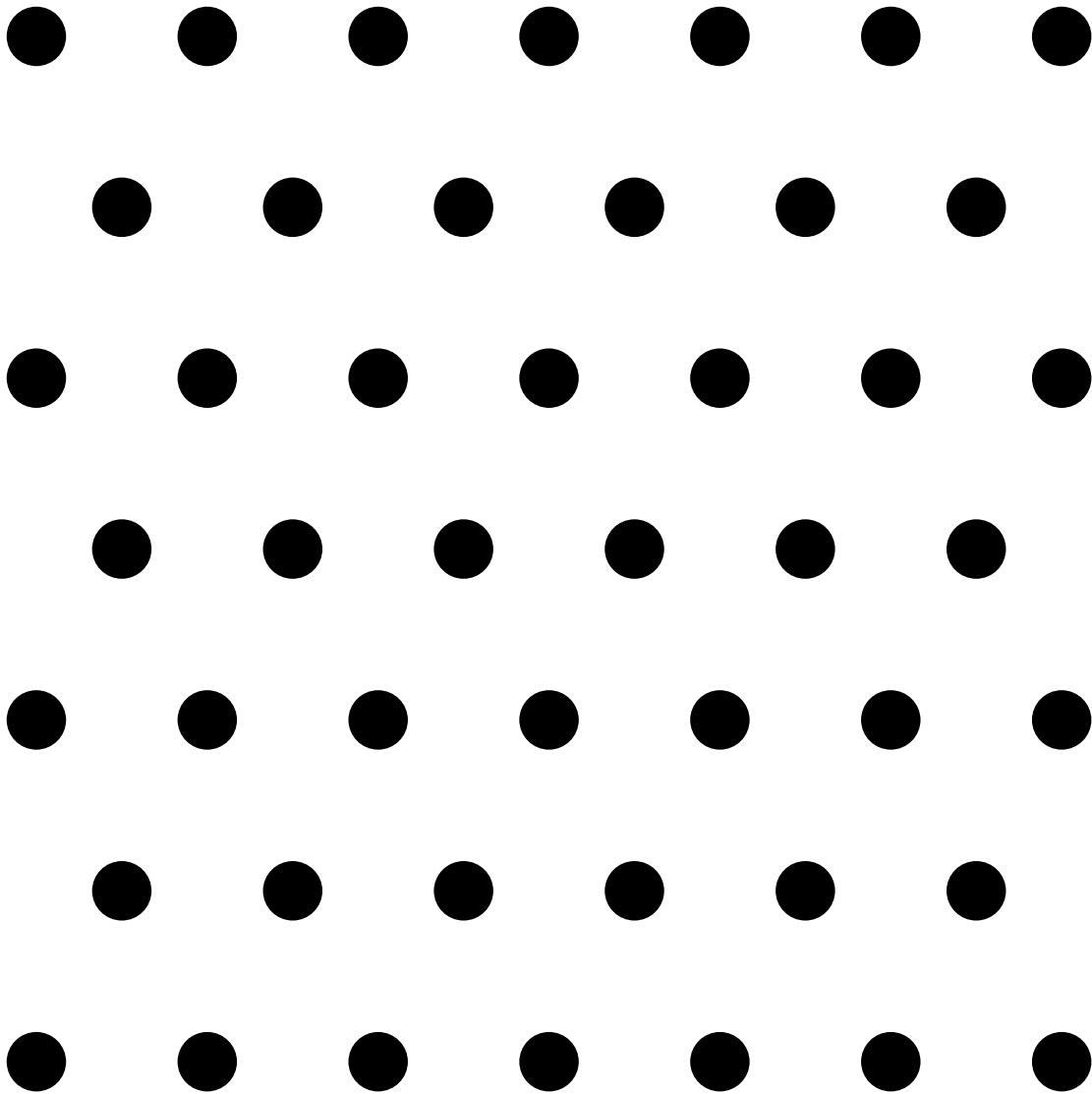
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-08  
Percent Open: 9.5%







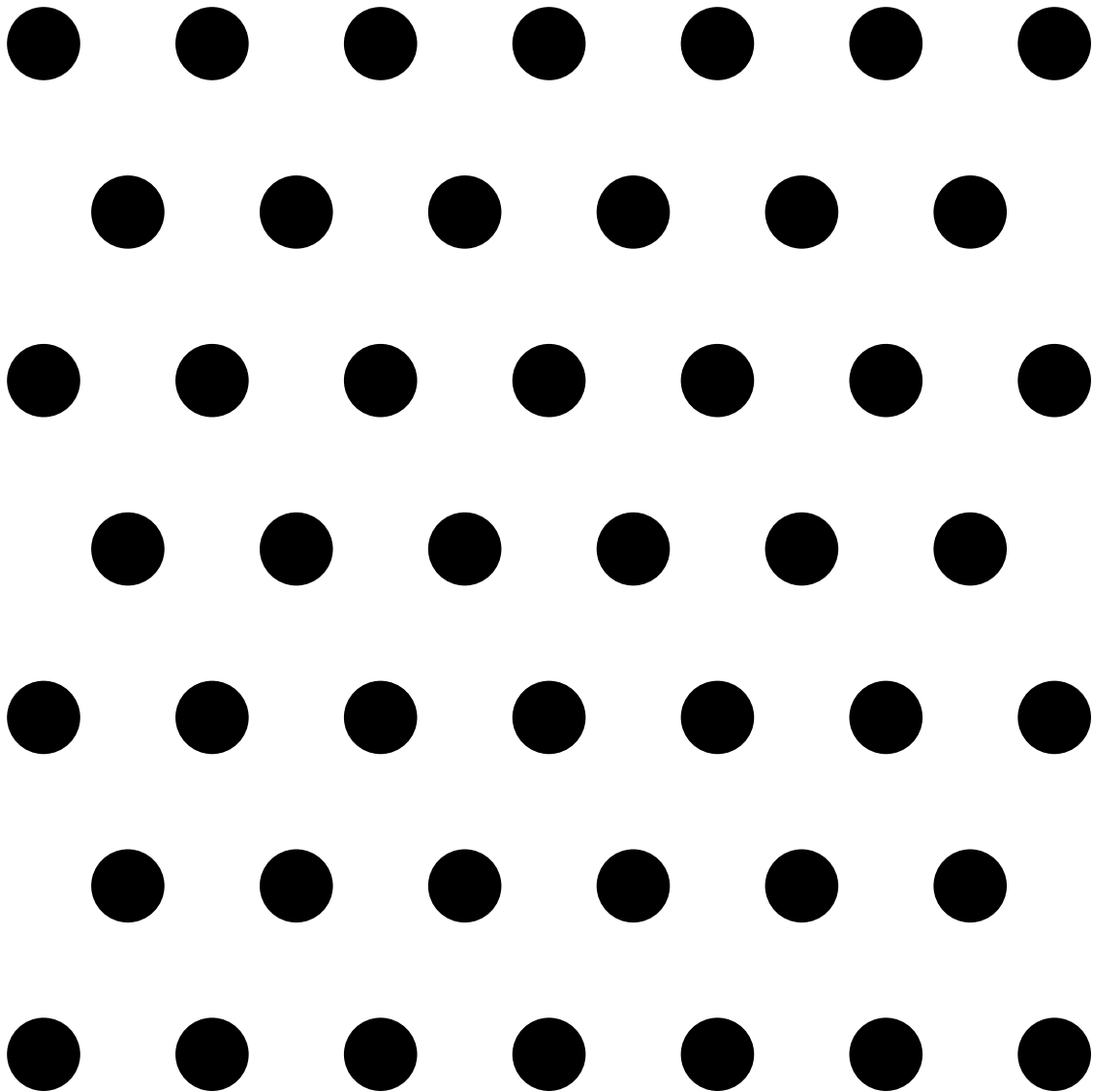
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-10  
Percent Open: 14.85%





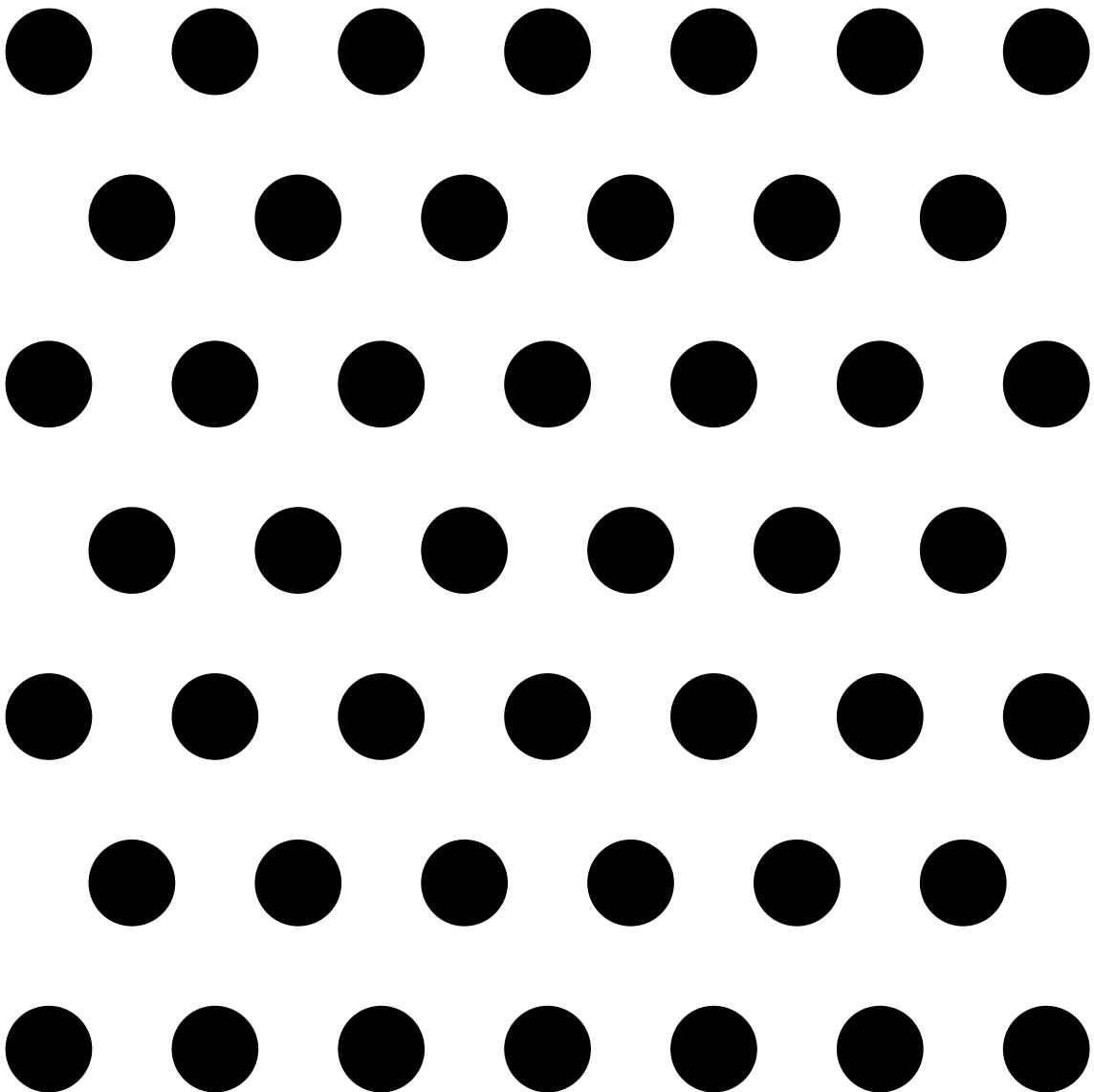
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-12  
Percent Open: 21.38%





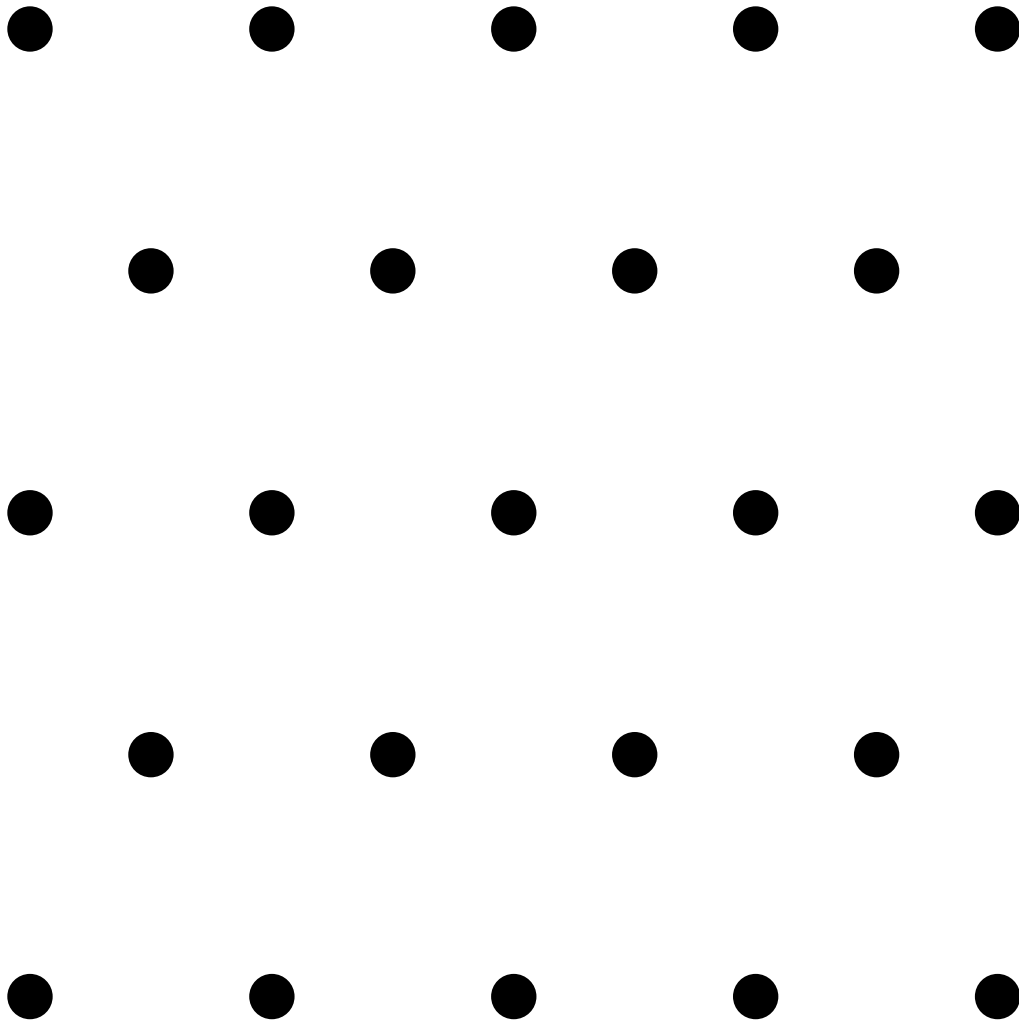
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-06  
Percent Open: 2.76%





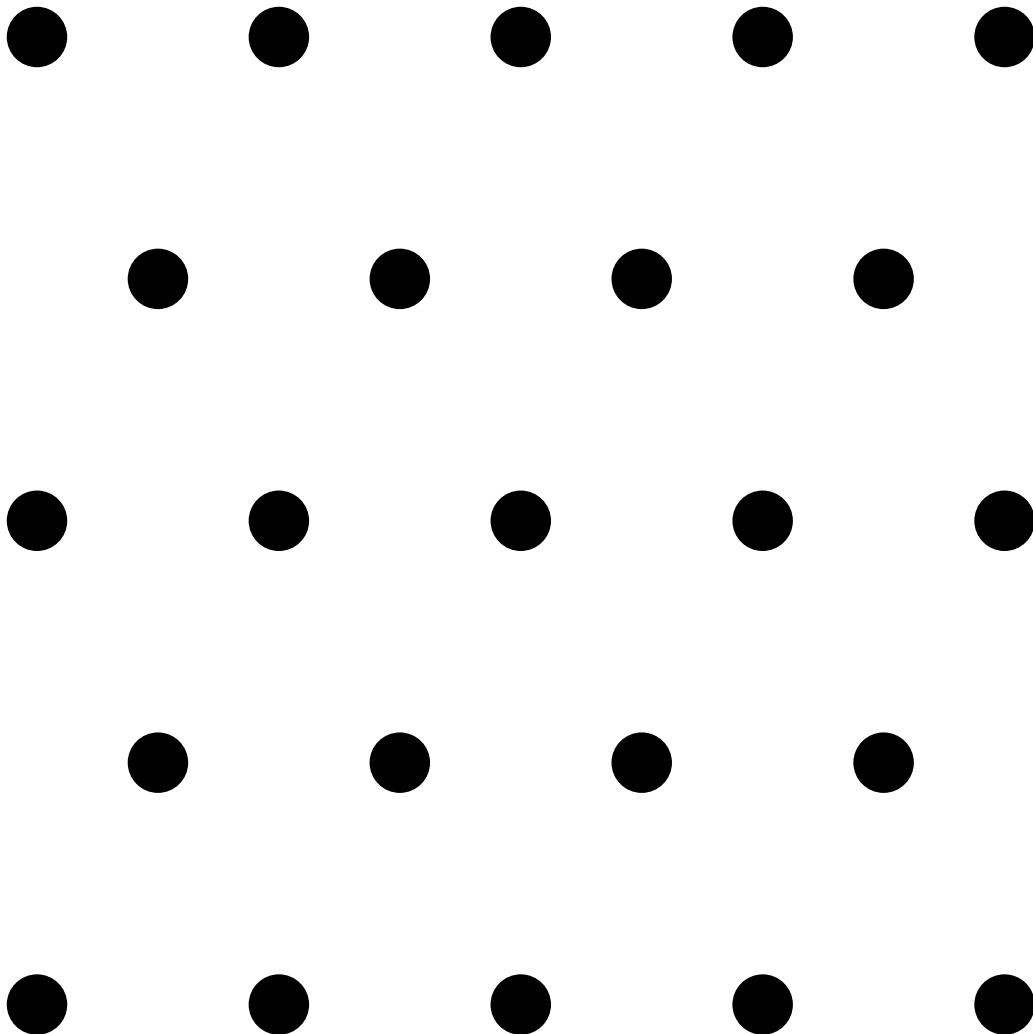
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-08  
Percent Open: 4.91%





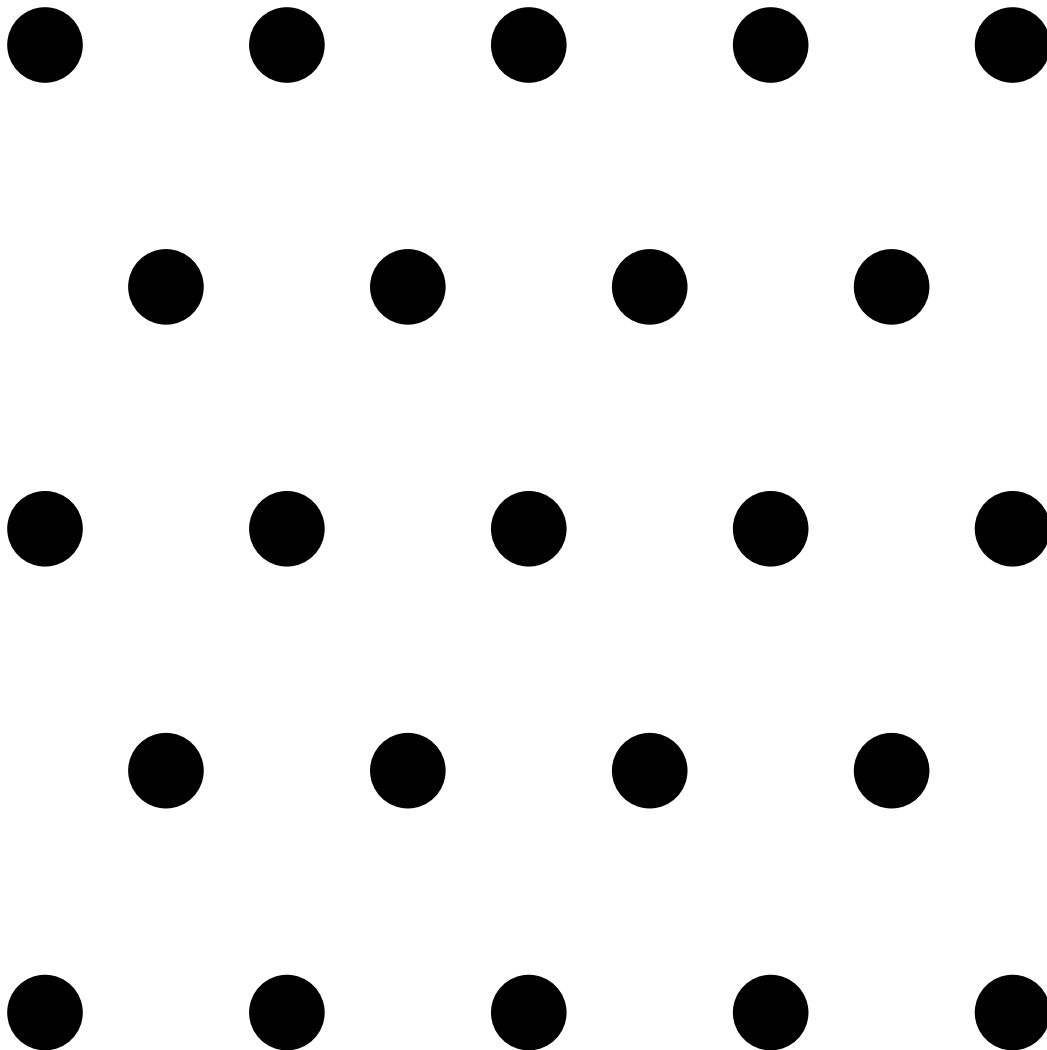
# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-10  
Percent Open: 7.67%





# 5300 Data Sheet



SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-12  
Percent Open: 11.04%

