



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 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.



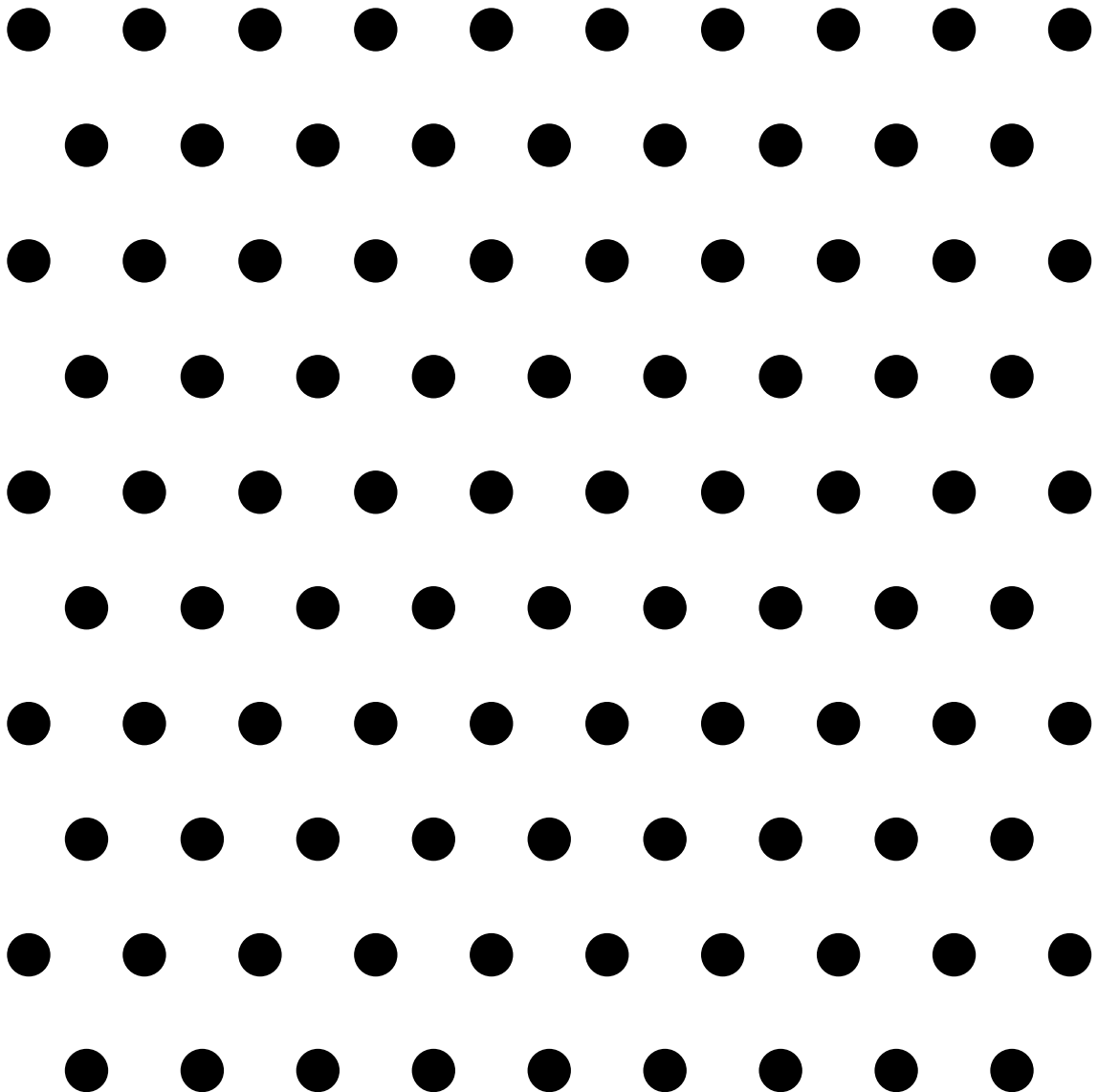
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-06
Percent Open: 11.04%





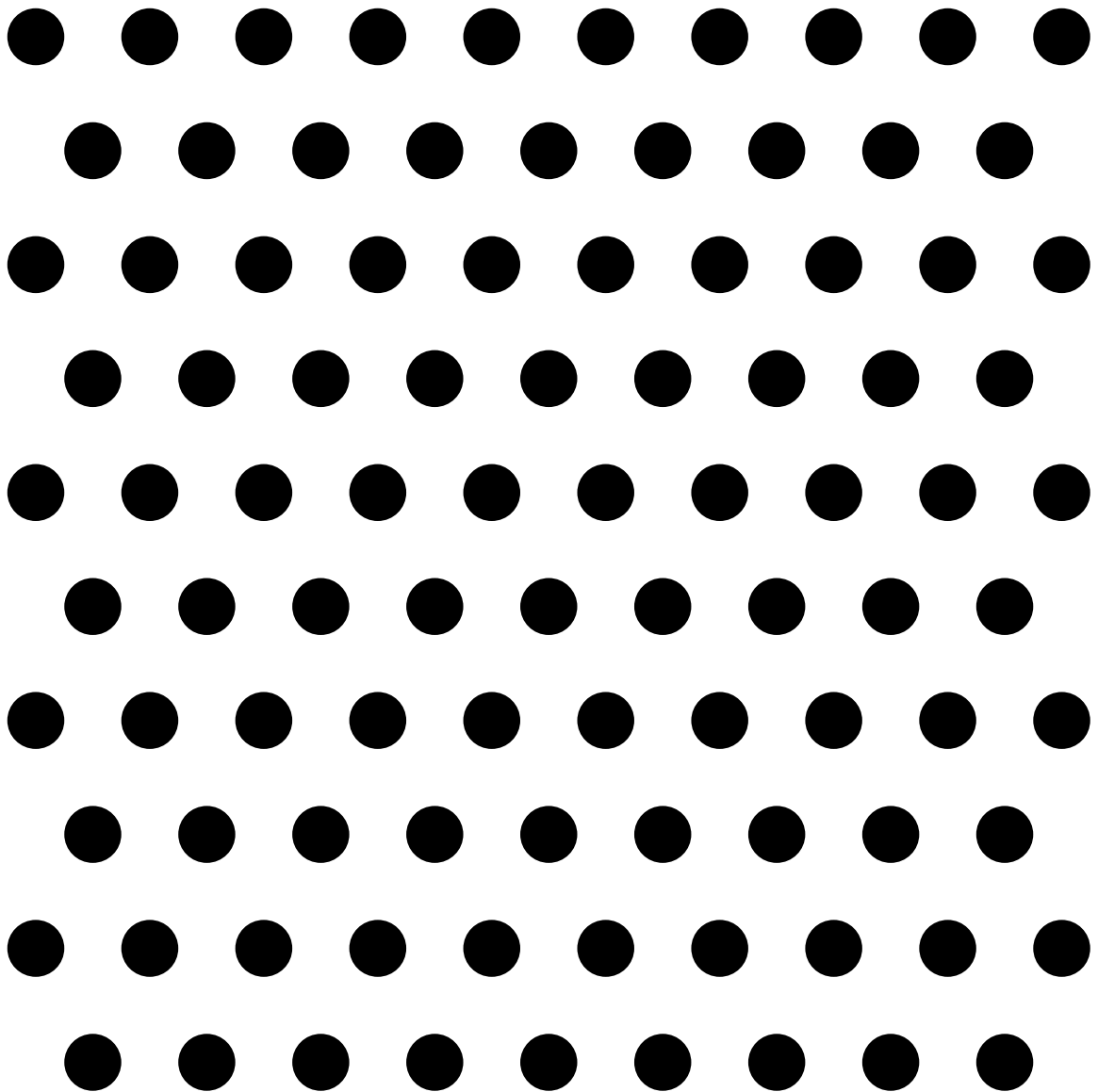
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-08
Percent Open: 19.63%





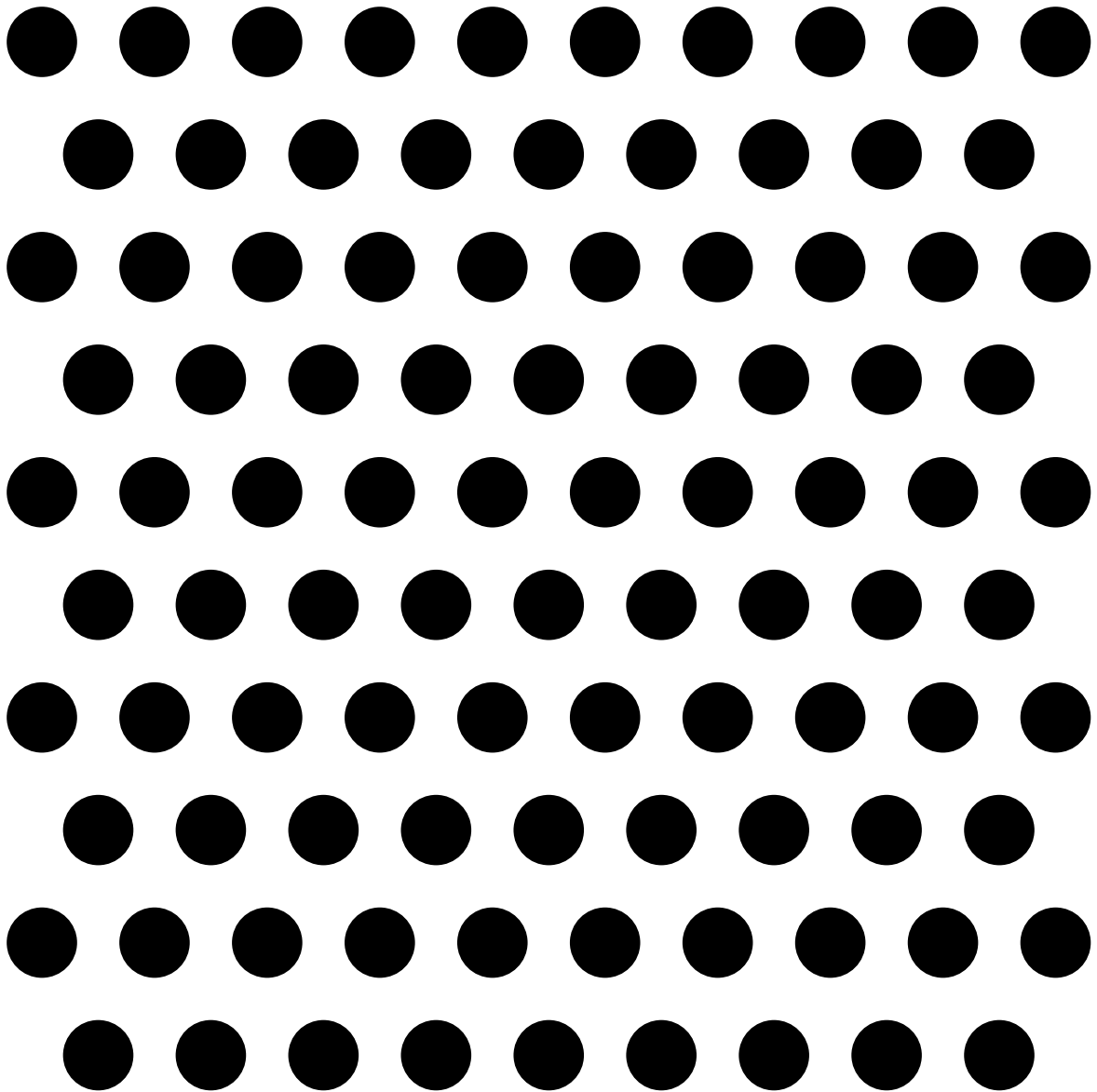
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-10
Percent Open: 30.68%





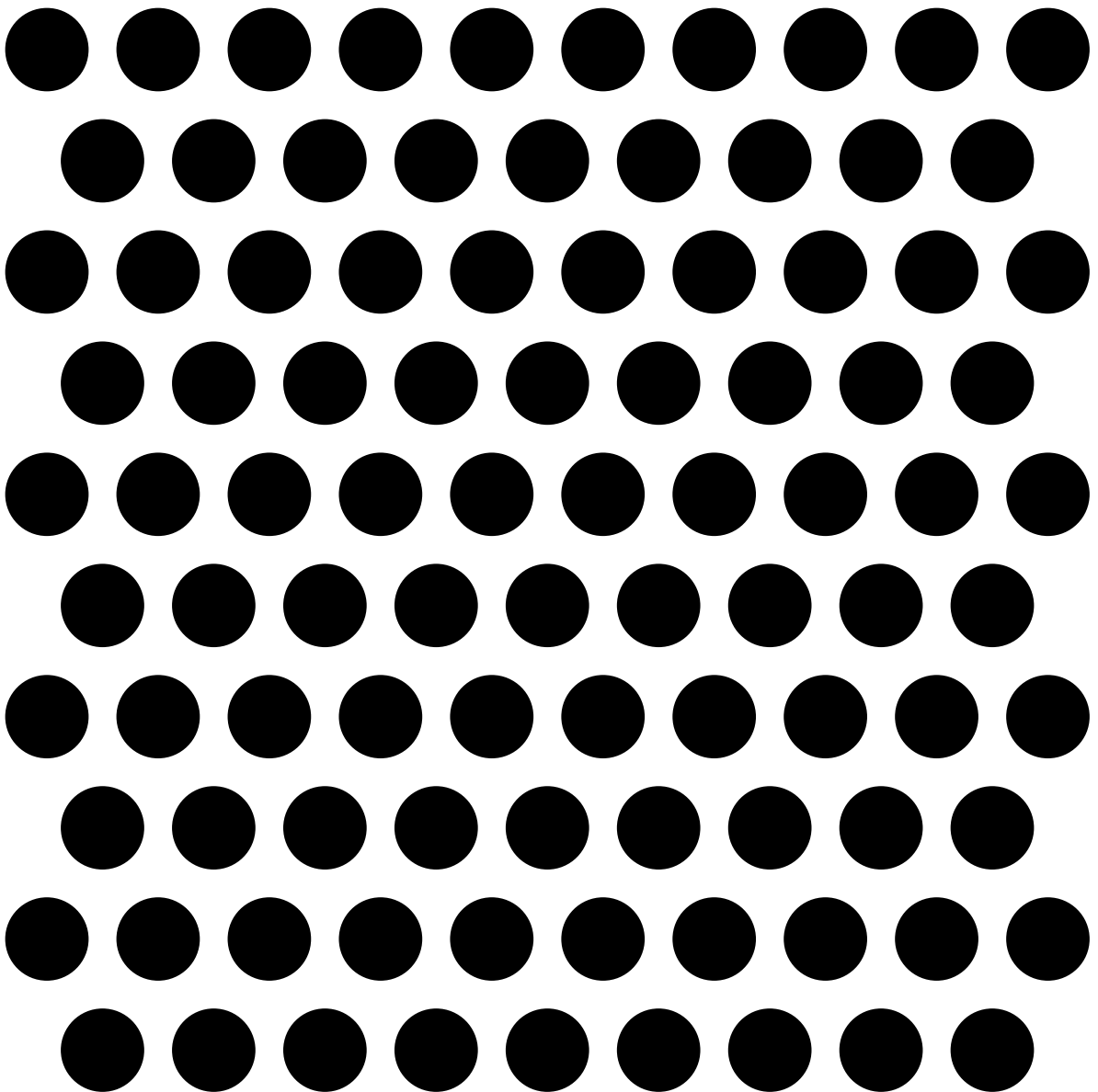
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5316-12
Percent Open: 44.18%





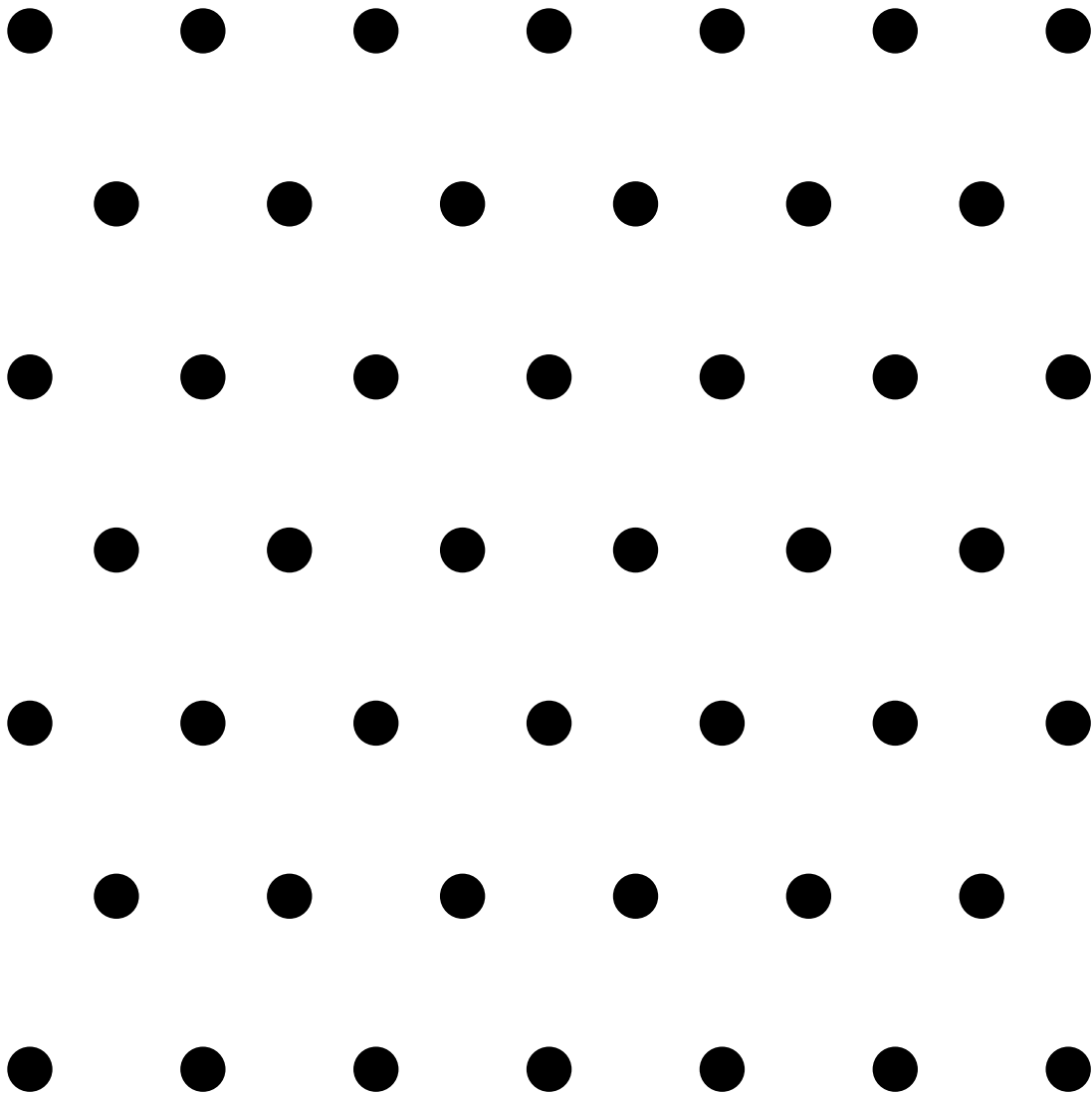
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-06
Percent Open: 5.34%





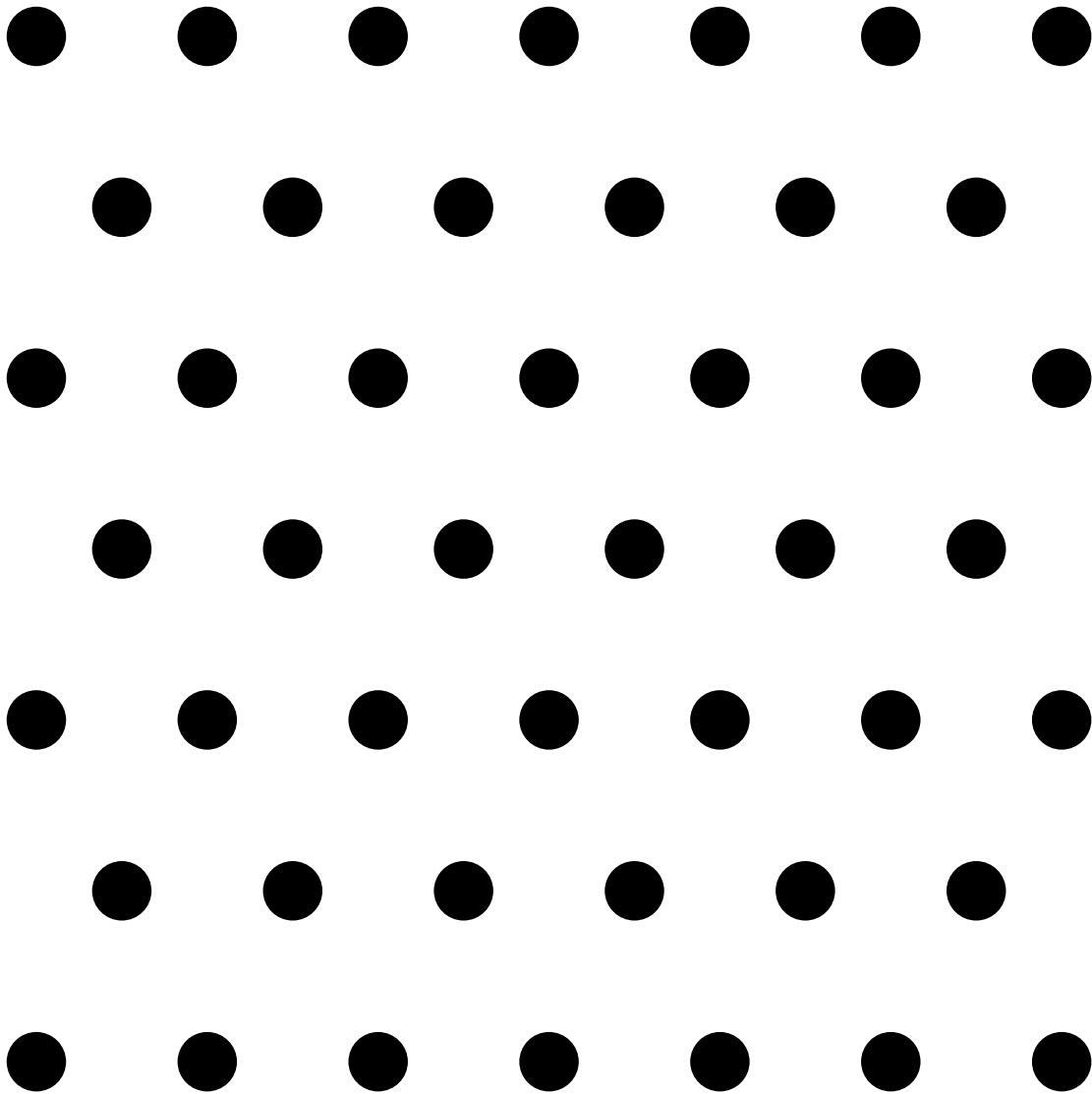
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-08
Percent Open: 9.5%





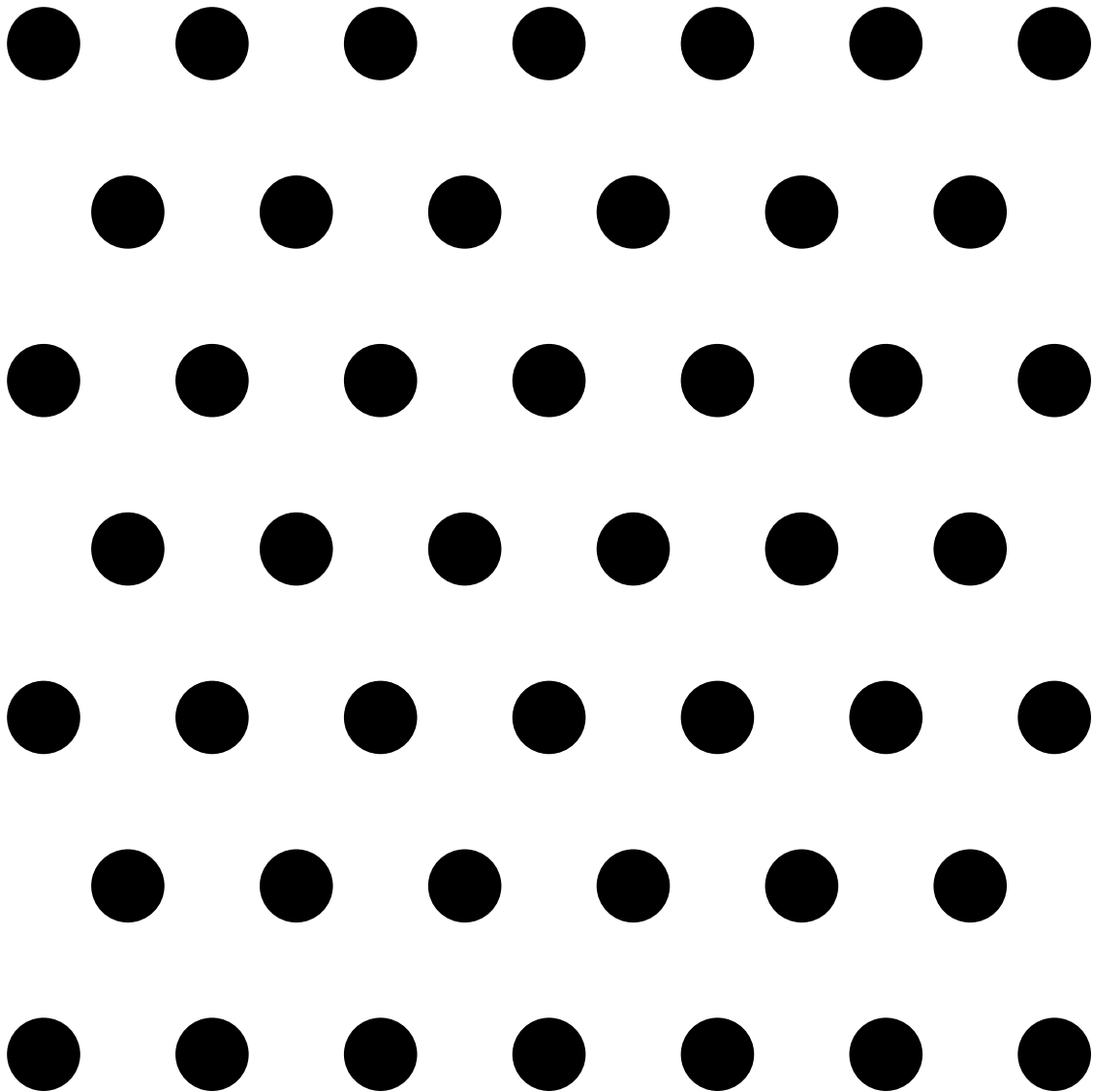
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-10
Percent Open: 14.85%





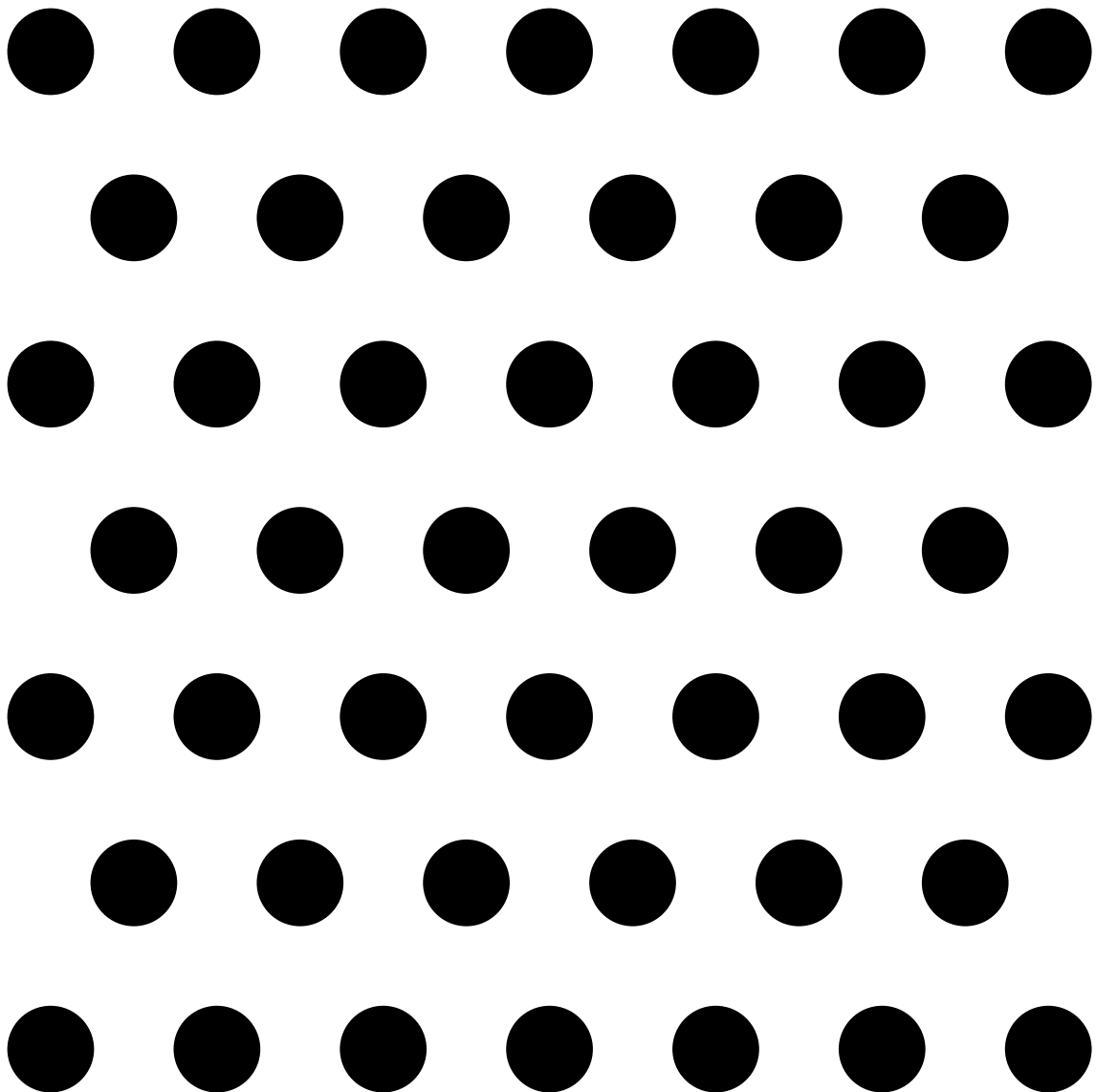
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5323-12
Percent Open: 21.38%





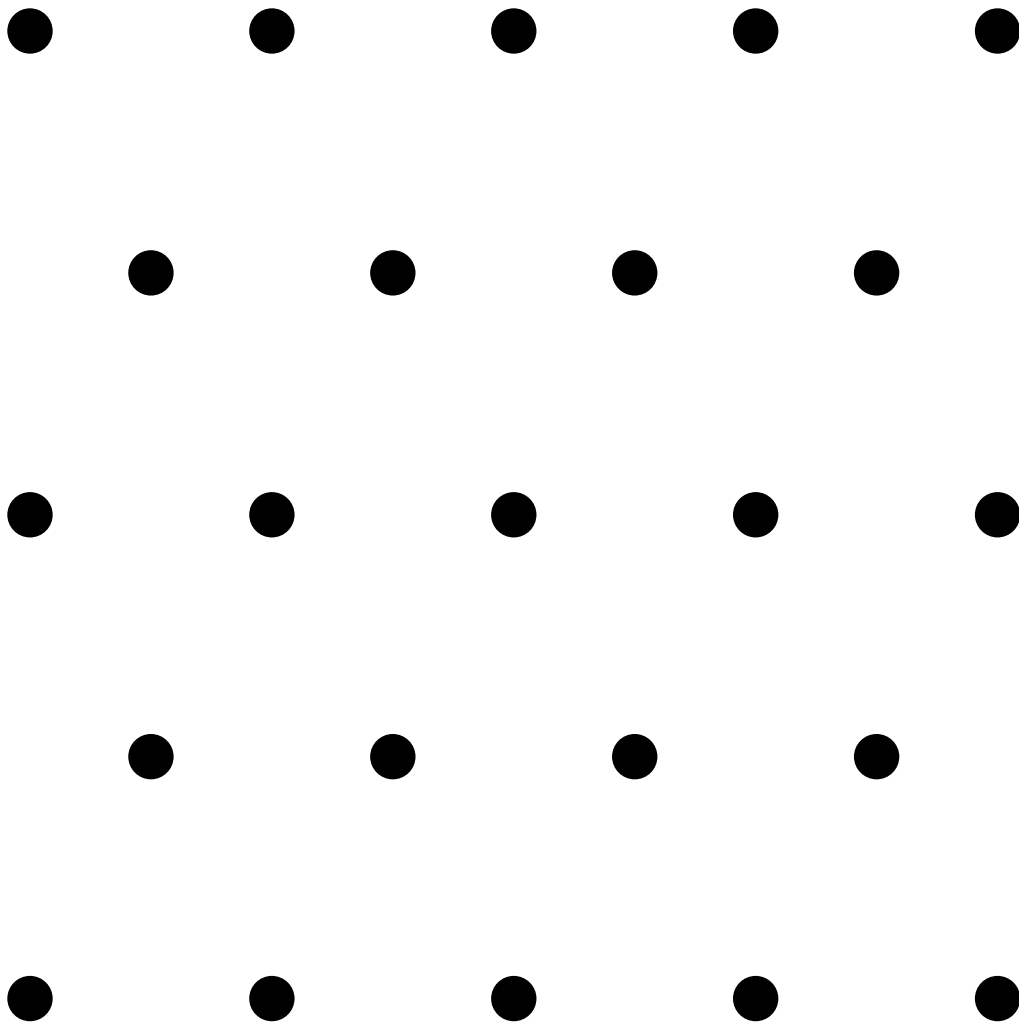
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-06
Percent Open: 2.76%





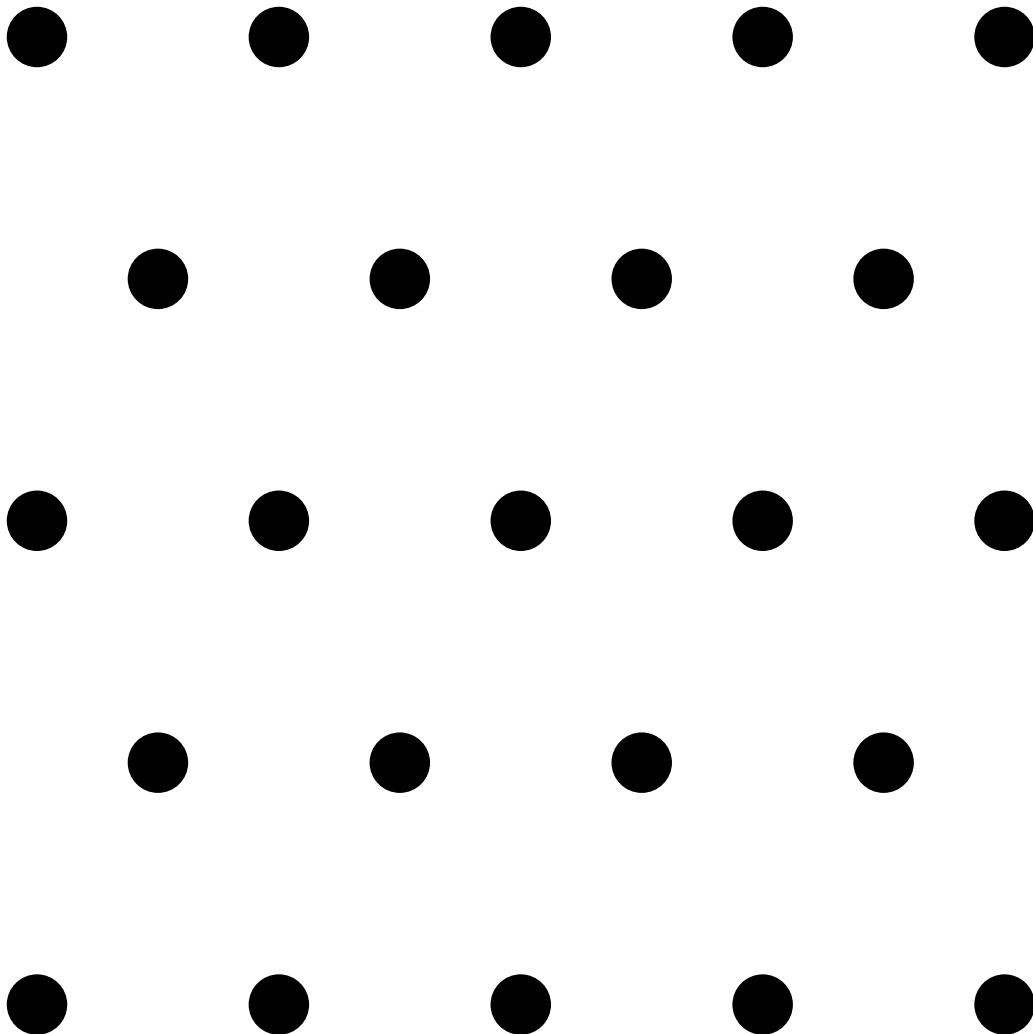
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-08
Percent Open: 4.91%





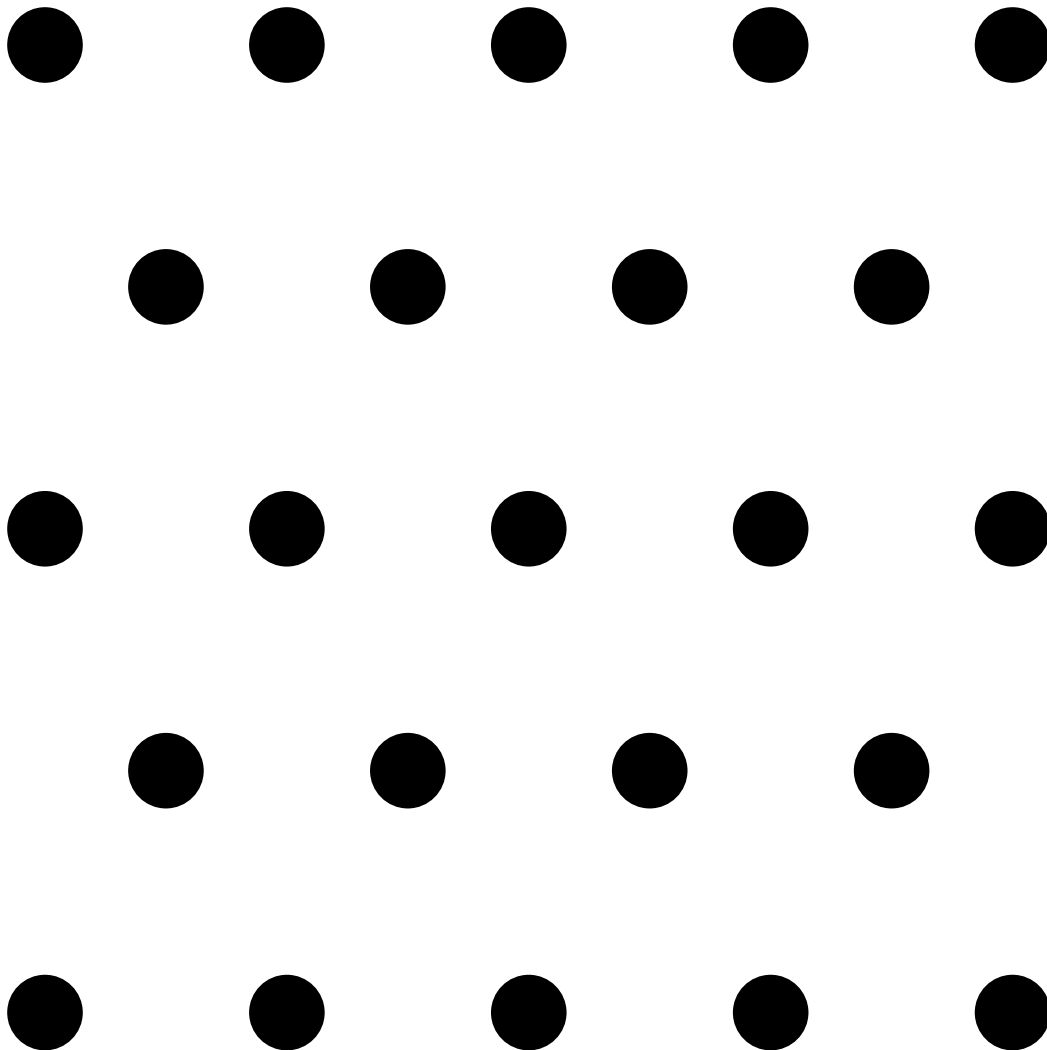
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SERIES: 5000 PERFORATED WOOD TILES

STYLE: 5300 DIAMOND PERF PATTERN

5332-10
Percent Open: 7.67%





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SERIES: 5000 PERFORATED WOOD TILES

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5332-12
Percent Open: 11.04%

