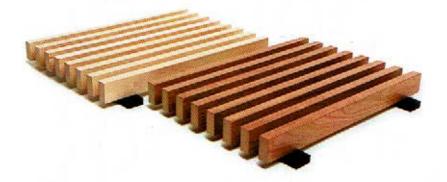
acoustical | wood | panels

# Geometrik



innovative design solutions in wood acoustical systems

### Geometrik



#### APPLICATIONS

- Ceiling and Walls
- Auditoriums & Conference Rooms
- Airports
- Home Theaters
- Lobbies/Reception Area
- Multipurpose Areas
- Banks & Executive Boardrooms
- Schools, Colleges, Universities
- Large Open Office Spaces
- Performance Spaces
- Worship Facilities



- MR 4: Recycled content
- MR 5: Locally manufactured & harvested materials
- MR 6: Rapidly Renewable Materials
- MR 7: FSC Chain of Custody Certification
- EQ 4.2: Low VOC Finishes
- EQ 4.4: Composite panels: No Added Urea Formaldehyde



Douglas Fir



Western Cedar



Western Hernlock



Western Birch



Alder



Walnut



Cherry



Mahogany



Euro Steamed Beech



Bamboo



Anh



White Maple



Red Oak

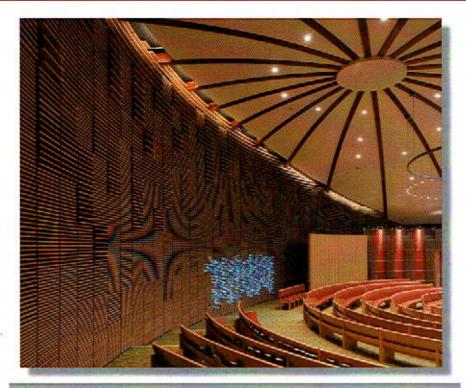


White Oak

<sup>\*</sup> Must be specified prior to tender and ordering.

<sup>\*\*</sup> Contact the manufacturer for other wood species availability. Due to nature of real wood (variation in grain, texture and color) the finished product may range from light to dark.

#### **GEOPANEL GRILLE - WOOD CEILING AND WALL PANELS**



#### PRODUCT STYLES







Radial Panels



Panel with standard wood backers

#### PRODUCT DESCRIPTION

Geopanel Grille is a truly versatile product. Geopanel Grille affords the possibility of designing the space from traditional to contemporary styles. It is offered in a variety of wood species (solid and veneered), configurations, blade sizes, number of blades per panel, different panel length and width. Panels can be flat or flexible, radial or beveled. It is very easy to install, and this makes the wood treatment very affordable.

Solid wood or veneered blades are factory assembled into panels using black wood backers. The color of wood backers is fully customizable. Wood backers are positioned 12" on center along the length of the panel to ensure panel stability. Matching trim is available to finish the look of floating perimeter on the ceiling.

Panels that do not require accessibility can be directly mounted to the grid or wood furring. Positioning of the wood backers make the installation process quick and easy because they are always perfectly aligned with the main runners of the standard grid system. Panels are engineered in a way to ensure monolithic appearance and equal spacing between blades. Geometrik Wood Backer Clips are used for panels that must be accessible.

Acoustical performance can be enhanced by applying acoustical fabric to the back of the panels and by placing acoustically transperent insulation on top of the panels.

Please call our technical support team 1-888-306-0024 for more information.



#### **ENVIRONMENTAL STATEMENT**

### Geometrik

#### SPECIFICATION

Specie:

Blade size: 3/4", 1-3/8 thick Blade size: various depth Blades/pnl: various Panel width: 12" Panel length: up to 10'

Style: Wood Backer

Flexible Backers

see chart

Doweled & Wood Backed Radial Wood Backed

Options: Acoustic Fabric

Solid or Wood Veneer Wood Backer Clips

Finish: 20 sheen clear low VOC

Custom stain: to match architect's sample

Fire Treatment: Class A (available upon request)

Panel weight: approx. 2 lbs

#### BENEFITS

- Cost Effective Alternative to millwork
- Supplied as ready to install panels
- Size of blades and number of blades per panel are fully customizable
- Suspended from standard heavy duty 15/16 T-Bar
- Easy installation using standard hardware or custom engineered installation hardware
- Can be installed as fully accessible panels using Geometrik Wood Backer Clips
- Lightweight no heavy framing support
- Seismic installation available
- Contribute towards LEED certification
- Choice of solid wood and veneer
- High NRC Rating

#### CONTACT INFO

Geometrik Manufacturing Inc. 1449 Velocity Street Kelowna, BC V1V 3C2 T.F. 1-888-306-0024

ph. 250-769-1500 fax. 250-769-1520

www.geometrik.com e-mail: info@geometrik.com

As part of our ongoing commitment, we put every effort in preserving our forest for future generations. That is why we actively promote panels made of engineered wood that is environmentally friendly, easy to recycle, made of recycled fiber and has a low impact on the environment, Geometrik is offering wood ceiling and wall panels that are manufactured using environmentally preferable products (EPP) such as low emitting sustainable fiberboard (SDF) that contains pre-consumer and/or post-consumer recycled fiber and has no added urea formaldehyde. We use low VOC finishes to further contribute to sustainable design.

#### **GEOPANEL LINEAR - WOOD CEILING AND WALL PANELS**





#### PRODUCT DESCRIPTION

Geopanel Linear is a perfect choice for renovation projects as well as new construction. This engineered & cost effective solution makes it possible to utilize the beauty of natural wood and bring acoustical comfort to any space. Geopanel Linear affords the possibility of designing the space from traditional to contemporary styles. It is offered in a variety of wood species (solid and veneered), configurations, blade sizes, number of blades per panel, different panel length and width. This is an excellent choice for wide open spaces and often used in colleges, schools and gathering spaces.

Solid wood or veneered blades are factory assembled into panels using black wood backers. The color of wood backers is fully customizable. Wood backers are positioned 12" on center along the length of the panel to ensure panel stability. Matching trim is available to finish the look of floating perimeter on the ceiling.

Panels that do not require accessibility can be directly mounted to the grid or wood furring. Positioning of wood backers makes the installation process quick and easy because they are always perfectly aligned with the main runners of the standard grid system. Panels are engineered in a way to ensure monolithic appearance and equal spacing between blades. Geometrik Wood Backer Clips are used for panels that must be accessible.

Acoustical performance can be enhanced by applying acoustical fabric to the back of the panels and by placing acoustically transparent insulation on top of the panels.

Please call our technical support team 1-888-306-0024 for more information.



#### SPECIFICATION

Blade size:

3/4" thick

Blade size: Reveal: 5-1/4, 3-1/2, 2-1/2 in wide 1/2 - 3/4 in (standard)

Panel width: 12" (custo Panel length: up to 10'

12" (custom width available)

Specie:

see chart

Style:

Wood Backer

Flexible Wood Backers

Options:

Acoustic Fabric

Solid or Wood Veneer Wood Backer Clips

Finish:

20 sheen clear low VOC

Custom stain: to match architect's sample

Fire Treatment: Class A (available upon request)

Panel weight: approx. 1-1/2 lbs

#### BENEFITS

- Cost Effective Alternative to millwork
- Supplied as ready to install panels
- Size of blades and number of blades per panel are fully customizable
- Suspended from standard heavy duty 15/16 T-Bar
- Easy installation using standard hardware or custom engineered installation hardware
- Can be installed as fully accessible panels using Geometrik Wood Backer Clips
- Lightweight no heavy framing support
- Seismic installation available
- Contribute towards LEED certification
- Choice of solid wood and veneer
- High NRC Rating

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#### **APPLICATIONS**

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- Home Theaters
- Lobbies/Reception Area
- Multipurpose Areas
- Banks & Executive Boardrooms
- Schools, Colleges, Universities
- Large Open Office Space
- Performance Space
- Worship Facilities

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Douglas Fir



Western Cedar



Western Hemlock



Western Birch



Alder



Walnut



Cherry



Mahogany



Euro Steamed Beech



Bamboo



Ash



White Maple



Red Oak



White Oak

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<sup>\*\*</sup> Contact the manufacturer for other wood species availability. Due to nature of real wood (variation in grain, texture and color) the finished product may range from light to dark.

#### GEOLINEAR SUSPENDED WOOD CEILING SYSTEM





#### PRODUCT DESCRIPTION

GeoLinear Suspended Wood Ceiling System is supplied as a complete engineered solution. Acoustical performance combined with the natural beauty of wood makes this product an excellent choice for large open areas. Absence of visible so called "panel" reveals gives the wood ceiling a flowing continuous look. The system is lightweight and does not require any heavy framing support behind it.

GeoLinear Suspended Wood Ceiling System consists of factory finished wooden blades, suspension rails and installation clips. The system is engineered to ensure perfect alignment of progressively installed wooden blades. Choice of flat or curved rails and variety of wood species provide endless design possibilities and helps to create distinctive and unique design for every space.

Acoustical performance of GeoLinear Suspended Wood Ceiling System is best utilized in spaces like large gathering areas where "bouncing" sound is a concern. Level of noise reduction is controlled by varying the thickness of acoustical insulation above the ceiling.

Please call our technical support team 1-888-306-0024 for more information.

### Geometrik

#### SPECIFICATION

Blade size:

Th: 3/4" thick

W: 5-1/4" or 3-3/4" wide

L: Veneered Blades - 8' long

Solid Wood Blades - 2' - 8' long

Reveal:

Standard 3/4" covered with Black Fiberfelt

Specie:

See Chart

Style:

Concealed Reveal

Suspension:

Flat or Curved Suspension Rails

with factory attached clips

Options:

Solid or Wood Veneer

Finish:

20 sheen clear low VOC

Custom stain: to match architect's sample

Fire Treatment: Class A (available upon request)

System weight: approx. 3 lbs

#### BENEFITS

- Supplied as complete engineered solutions
- Choice of flat or curved suspension rails
- Cost Effective Alternative to millwork
- Lightweight no heavy framing support
- Choice of solid wood and veneer
- Quick & Easy Installation
- Continuous look no visible "panel" reveal
- Excellent choice for large open areas
- High NRC Rating
- Contribute towards LEED certification

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- Auditoriums & Conference Rooms
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#### STANDARD WOOD SELECTION\*\*



Douglas Fir



Western Cedar



Western Hemlock



Western Birch



Alder



Walnut



Cherry



Mahogany



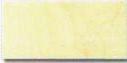
Euro Steamed Beech



Bamboo



Ash



White Maple



Red Oak



White Oak

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### Geometrik

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Douglas Fir



Western Cedar



Western Hemlock



Western Birch



Alder



Walnut



Cherry



Mahogany



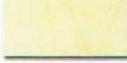
Euro Steamed Beech



Bamboo



Ash



White Maple



Red Oak



White Oak

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#### **GEOTONE S - WOOD ACOUSTICAL PLANKS & PANELS**



#### PRODUCT STYLES







GT 1000 S

PRODUCT DESCRIPTION

Geotone S is available in three options:

- 1) Custom Size Panels;
- 2) T&G Planks;
- 3) Ceiling Tile 2' x 2'.

Geotone S T&G Plank System is the most suitable for applications where a monolithic look is desired with minimum visible panel reveals. Seamless nature of T&G connection allows coverage of large surfaces without a single reveal. The only more or less visible reveal would be between the planks' ends. Planks are installed progressively with or without insulation behind. Geotone S Wall Planks can be installed with grooves running vertically or horizontally. Both Geotone S Wall and Ceiling Planks are installed using special Geometrik T&G clips.

GT 1700 S

Geotone S Panels are available in different sizes and can be factory cut to any custom length or width up to 4' wide x 8' long. Geotone S Wall Panels are installed using standard Z-clip or Z-Bar. Natural wood is "live" material therefore a minimum 3/8" reveal between panels is recommended by the manufacturer to allow for expansions and contractions

Geotone S Ceiling Tiles are supplied in different sizes: 2' x 2'; 2' x 4'; 2' x 8'. Panels are easily suspended from standard 15/16 Black Heavy Duty T-Bar. There are three edge treatments available for Geotone S Ceiling Tile: Lay-In, Tegular Edge & Side Groove.

Please call our technical support team 1-888-306-0024 for more information.



#### SPECIFICATION

Specie: Core: see chart MDF, SDF

Thickness:

5/8", 11/16", 3/4"

Sizes:

Panels - custom size up to 4' x 8'

T&G Planks - 1' wide x 8' long

Face:

2 mm wide groove

Profiles:

GT1000S, GT1700S, GT3400S

Class A:

available upon request 20 sheen clear low VOC

Custom Stain:

available upon request

Backer:

non-woven acoustic fabric

Edges:

Planks: T&G

Panels: Edge Banded

Ceiling Tile:

- Lay-in

- Tegular Edge

- Side Groove

Panel weight: approx. 2 lbs/SF

#### BENEFITS

- Monolithic appearance of T&G planks
- Easy installation using standard hardware or custom engineered installation hardware
- Low to High NRC Rating
- Contribute towards LEED certification
- Choice of veneer and core materials
- Custom engineered solution

#### CONTACT INFO

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### Geometrik

#### **APPLICATIONS**

- Ceiling and Walls
- Auditoriums & Conference Rooms
- Airports
- Home Theaters
- Lobbies/Reception Area
- Multipurpose Areas
- Banks & Executive Boardrooms
- Schools, Colleges, Universities
- Large Open Office Space
- Performance Space
- Worship Facilities

#### **AVAILABLE LEED CREDITS\***

- MR 4: Recycled content
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- EQ 4.4: Composite panels: No Added Urea Formaldehyde



Douglas Fir



Western Cedar



Western Hemlock



Western Birch



Alder



Walnut



Cherry



Mahogany



Euro Steamed Beech



Bamboo



Ash



White Maple



Red Oak

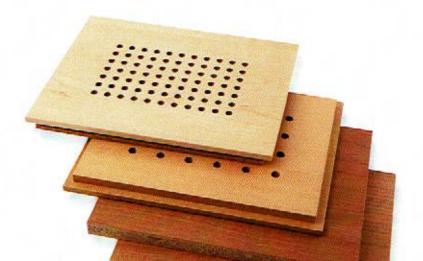


White Oak

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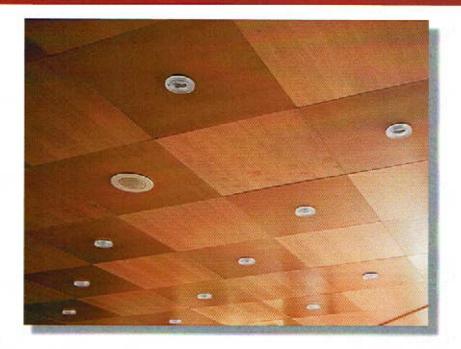


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#### **GEOSQUARE - SUSPENDED WOOD CEILING TILES**



#### **EDGE PROFILE SELECTION**



BLACK HEAVY CUITY
TO THE MARK THACK
GIV HISTALLER)

TENTS REVEAL

TEGULAR EDGE

## TARDS-IF MAY DUTY TOTAL TANAN OF TO C. BY INSTALLERS THE RESIAL

CONCEALED SIDE GROOVE

#### PANEL SIZES

GeoSquares are supplied in the following standard sizes:

- 2' wide x 2' long
- 2' wide x 4' long
- 2' wide x 8' long

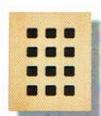
#### PRODUCT STYLES



GS-2832SP-22LI Perforated



GS-2200SL-22LI Slotted



G9-2300RS-22LI Round Square



GS-3000-22LI Unperforated

### Geometrik

#### SPECIFICATION

Specie:

see chart

Core:

3/4"

Thickness: Panel size:

2' wide x 2' long 2' wide x 4' long

PB MDF SDF

2' wide x 8' long

Penetrations:

Perforated

Slotted Round Square

Non-perforated

Edge Profile:

Lay-in

Tegular Edge

Concealed Side Groove

Finish:

20 sheen clear

Custom Stain: Backer: available upon request non-woven acoustic fabric

(for perforated panels only)

Class A:

available upon request

#### BENEFITS

- Short production lead time
- Cost effective solution for renovation projects as well as new construction
- Extremely easy installation
- Panel can be suspended from new or used standard
   15/16 Black Heavy Duty T-Bar
- Complimentary custom trims are available
- Reflective or absorptive acoustical performance
- Contribute towards LEED certification

#### CONTACT INFO

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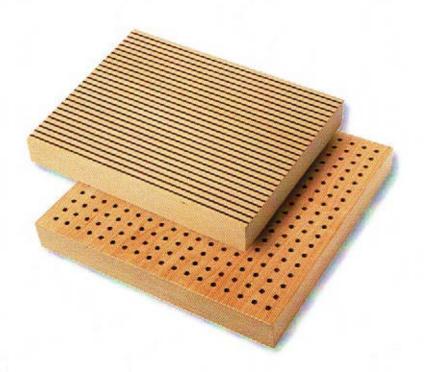
e-mail: info@geometrik.com www.geometrik.com



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Douglas Fir



Western Cedar



Western Hemlock



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Walnut



Cherry



Mahogany



Euro Steamed Beech



Bamboo



O A A



White Maple



Red Oak



White Oak

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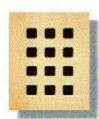
#### PRODUCT STYLES







SO-2200SL-CS Slotted



SO-2300R5-C5 Round Square



SO-1000-CS Grooved

#### PANEL CONSTRUCTION



Gepanel Sonata has a composite construction consisting of an acoustical membrane attached to the panel frame. There is a factory encapsulated acoustical core inside the panel. Acoustic membrane comes in variety of styles.

#### PRODUCT DESCRIPTION

Where events such as conferences, concerts and presentations will occur, speeches and announcements need to be concise and clear, music must be heard clearly and there must be a good listening environment for all acoustically sensitive activities. Basic factors that affect a room's reverberation time include the size and shape of the enclosure as well as the absorption coefficient of materials used in the construction of the room.

Composite construction of Geopanel Sonata not only achieves higher levels of noise reduction coefficient (NRC) but eliminates the need of using additional acoustic material such as 1" acoustical insulation that is usually placed on top of the ceiling panels to enhance their acoustical performance. Required NRC is achieved by choosing the appropriate acoustical membrane. The installation of the panels is as easy as hanging picture frames.

Please call our technical support team 1-888-306-0024 for more information.

### Geometrik

#### SPECIFICATION

Specie:

see chart

Core:

composite

Thickness: Panel size: 1-1/2", 2-1/2" custom

Panel shape:

Flat Curved

Acoustic

Perforated

Membrane:

Slotted

Round Square

Grooved

Finish:

20 sheen clear

Custom Stain:

available upon request

Insulation:

Acoustic (included)

Pnl edges:

Edge Banded

Class A:

available upon request

Panel weight:

approx. 3-1/2 lbs/SF

#### BENEFITS

- Wide variety of perforation patterns
- Easy installation using standard hardware or custom engineered installation hardware
- Drastically reduced installation cost.
- High NRC Rating
- Contribute towards LEED certification
- Choice of veneers
- Seismic solution is available

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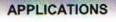
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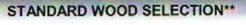


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### \* Must be





Douglas Fir



Western Cedar



Western Hemlock



Western Birch



Alder



Walnut



Cherry



Mahogany



Euro Steamed Beech



Bamboo



Ach



White Maple



Red Oak



White Oak

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#### SYMFONIA - WOOD ACOUSTICAL CEILING AND WALL PANELS



#### PRODUCT TYPES



Geopanel Symfonia II Absorbive Ronel



Geopanel Symfonia I Reflective Panel

#### PRODUCT DESCRIPTION

Appropriate acoustical treatments are especially essential to performance spaces such as concert halls, auditoriums, cathedrals. One of the most important factors is how sound is reflected in a room. Research shows there is a strong interdependency between how listeners perceive the speech or music and the sequence of sound reflections arriving at the listener's ear. Properly designed and installed acoustical reflectors provide clarity and strength of sound.

Geometrik's Symfonia I Acoustic Reflectors will help your audience to hear what they were missing. Panels are available in a variety of standard and custom sizes, finishes and shapes to meet architectural and acoustical requirements of the project. Pre-fabricated panels are supplied as ready to install product that will drastically reduce contractor labor. Installation is fast and easy and usually does not require special hardware.

Geometrik Symfonia I Acoustic Reflectors can be used on both new construction and renovation of existing spaces. The following concerns can be solved when using panels to: (1) improve sound distribution; (2) distribute sound energy to places which focuses on it: (3) increase early reflections in fan-shaped rooms; (4) increase sound level.

Geometrik Reflectors are installed above the sound source and over the audience seating area. Panel size, layout and positioning are critical in order to provide efficient early sound reflections. The ceiling panels are usually positioned at an angle. Shallow vertical angles are used to re-direct sound to seating areas behind reflectors. Steeper vertical angles will re-direct sound down to seating just below reflector.

Please call our technical support team 1-888-306-0024 for more information.

### Geometrik

#### SPECIFICATION

Specie:

see chart, HPL

Core:

MDF, SDF

Thickness: Panel size: various custom

Pnl edges:

Edge Banded

Product Types:

by Acoustics: Symfonia I - Acoustical Reflectors

Symfonia II - Acoustically

Absorptive panels

by Shape: Convex

Concave

Convex/Concave

Finish:

20 sheen clear

Custom Stain:

available upon request

Class A:

available upon request

Panel weight:

approx. 4-6 lbs/SF

#### BENEFITS

- Panels are factory curved to the radius and shape specified (2D only)
- Typically no field modifications are required
- Easy installation using standard hardware or custom engineered installation hardware
- Drastically reduced installation cost
- Contribute towards LEED certification
- Choice of veneers
- Seismic solution is available

#### CONTACT INFO

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#### **ENVIRONMENTAL STATEMENT**

As part of our angoing commitment, we put every effort in preserving our farest for future generations. That is why we actively promote panels made of engineered. wood that is environmentally friendly, easy to recycle, made of recycled fiber and has a low impact on the environment. Geometrik is offering wood ceiling and wall panels that are menufactured using environmentally preferable products (EPP) such as low emitting sustainable fiberboard (SDF) that contains pre-consumer and/or post-consumer recycled fiber and has no added urea formaldehyde. We use low VOC finishes to further contribute to sustainable design,