TERRACOUSTICS™

ACOUSTIC WOOD VENEER WALL & CEILING PANELS









ARCHITECTURAL BINDER

www.terracoustics.com

TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

TABLE OF CONTENTS

PRODUCTS

Editorial 2
Why TerraAcoustics™ Walls & Ceilings? 3
Products Sheets
- Grooved Options (G8, G16, G32) 4–6
- Perforated Options (P316, P616, P916, PL316, PL616, PL916, P104) 7–13
- Slotted Options (S56, SL56) 14–15

Styles & Dimensions 16–19

ACOUSTICAL INSULATION

TerraCORE® Poly 20

DESIGN SPECIFICATIONS

Technical Information 21
Technical Drawings
- Grooved Options (G8, G16, G32) 22–28
- Perforated Options (P316, P616, P916, PL316, PL616, PL916, P104) 29–35
- Slotted Options (S56, SL56) 36–37

Architectural Specifications 38–42
Maintenance Guidelines 43

SERVICES

Services 44
One (1) Year Limited Warranty 45–46

EDITORIAL

Dear Clients (Present and Future):

Thank you for your interest in TerrAcoustics™.

As you explore these pages, you will quickly discover that we are dedicated to ensuring success for you and your clients. Our dedication to serving you will be evidenced by our professional service that compliments TerrAcoustics™ beautiful, rich, premium quality wood veneer and/or HPL laminated acoustic products, that fit within your client's budget.

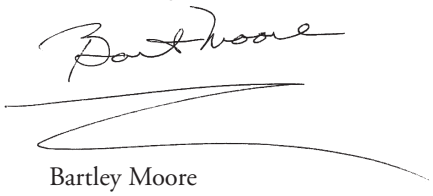
TerrAcoustics™ wood veneer and/or HPL laminated wall and ceiling panels are among the most advanced sound absorbing products on the market today, meeting the most stringent quality and environmental standards. With a wide assortment of standard and custom designs and finishes, you have many choices to fit your unique design. We also offer a beautiful range of natural bamboo wood veneers that is sure to please every client and every space imaginable.

TerrAcoustics™ authorized dealers have been hand selected with great care throughout the United States to better serve you right in your own geographic region. These dealers are among the most experienced and best in the industry and we are dedicated to providing you with the finest care and service.

We know that showcasing recommended materials to your clients is important to you and we feel this binder contains everything you need to do just that. Our website, **terracoustics.com**, will also provide the latest and most up-to-date product information and spotlight TerrAcoustics™ projects from around the country. We encourage you to submit photos of your projects featuring TerrAcoustics™ to delight your customer with the news that their space is being spotlighted on the TerrAcoustics™ website.

Again, thank you for your interest in TerrAcoustics™ products. I am confident that our exquisite line of effective wood veneer and/or HPL laminated acoustic wall and ceiling panels will provide the quiet interiors your client needs while gaining the aesthetic touch they crave! Please know that our team of experts is available to answer your questions and assist you in any way possible.

Warmest regards,



Bartley Moore
President
The Bartley Group, Inc.
TerrAcoustics USA

P.S. If you have a current project that could benefit from acoustic wood veneer and/or HPL laminated panels, your local dealer or representative would be delighted to supply you with sampling. Please email us today at **info@terracoustics.com** or call us at **888-987-6872**.

WHY TERRACOUSTICS™ WOOD CEILINGS & WALLS?

WHY WOOD CEILINGS AND WALLS?

Wood provides your design trifecta: beautiful, durable and cost effective. Natural wood creates rich, warm, and luxurious interior environments while providing a beautiful solution to noise control. TerrAcoustics™, a leader in acoustic wood veneer wall and ceiling panel systems, provides **high-quality, cost-effective** acoustic wood solutions that will **delight your clients** and deliver well on their interior design and architectural needs, within their budgets.

WHAT'S UNIQUE ABOUT TERRACOUSTICS™?

- We have higher standards for quality control.
- We have a proven reputation for standing behind our products (and you!).
- We offer an eco-friendly acoustical insulation, TerraCORE® Poly!
- We offer products that provide superior sound control.

WHERE CAN YOU USE TERRACOUSTICS™?

- Auditoriums
- Performing Arts Centers
- Executive Conference Rooms
- Cinemas
- Museums
- TV and Radio Broadcast Studios
- Screening Rooms
- Entertainment Events
- Video Conference Rooms
- Restaurants
- Casinos
- Retail Stores
- Giant Screen Venues
- Multimedia Environments
- Night Clubs
- Sports Complexes
- Visitor and Business Centers
- Hospitals
- Home Theaters
- Recording Studios

WHY PARTNER WITH TERRACOUSTICS™?

It's all about the **natural beauty** of wood while gaining acoustics in your interior space!

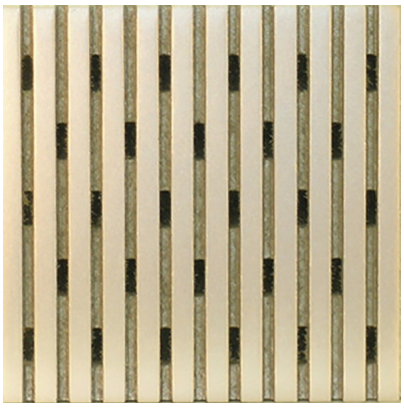
- Our products are gorgeous; take a look at our samples.
- Our products work, giving you **superior acoustical performance,** along with Class A fire ratings where needed.
- We offer the **best value** on the market for a quality wood acoustic solution.
- Our team is trained to provide cost alternative methods to help minimize costs without impacting quality and performance.
- Along with our TerraCORE® Poly, increase your **competitive advantage** by offering innovative new acoustic solutions.

TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

GROOVED OPTION: G8



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation:	Class A
Standard Veneer	Bamboo Veneer	HPL				
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available	According to ASTM-E84 fire testing

Flat Width (mm / inch)	Groove Width (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
5 / 3⁄16	3 / 1⁄8	9 / 3⁄8	37.5%	24.85%	1.29

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / 3⁄4	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.80 Tested with the 1" TerraCORE® Poly 0.90 Tested with 2" fiberglass 3 pcf insulation (E-400)



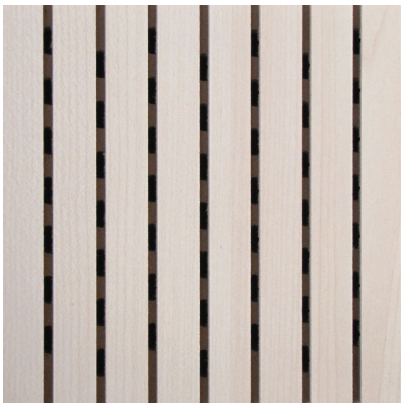



TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

GROOVED OPTION: G16



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Flat Width (mm / inch)	Groove Width (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
13 / ½	3 / ⅛	9 / ⅜	18.8%	24.85%	1.64

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.80 Tested with the 1" TerraCORE® Poly 0.90 Tested with 2" fiberglass 3 pcf insulation (E-400)







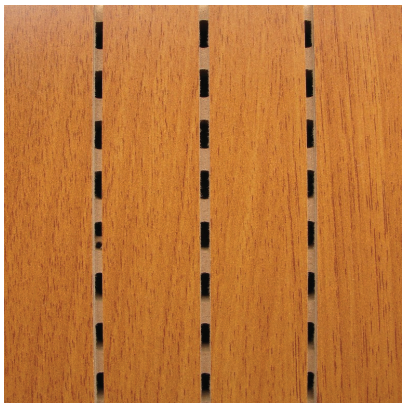


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

GROOVED OPTION: G32



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Ash Sapele, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Flat Width (mm / inch)	Groove Width (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
29 / 1 5/32	3 / 1/8	9 / 3/8	9.4%	24.85%	2.21

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / 3/4	600 / 23 5/8 1,200 / 47 1/4	600 / 23 5/8 1,200 / 47 1/4 2,400 / 94 1/2	Tongue and Groove, Square	0.90 Tested with 2" fiberglass (Type "A" mounting) 0.80 Tested with the 1" TerraCORE® Poly







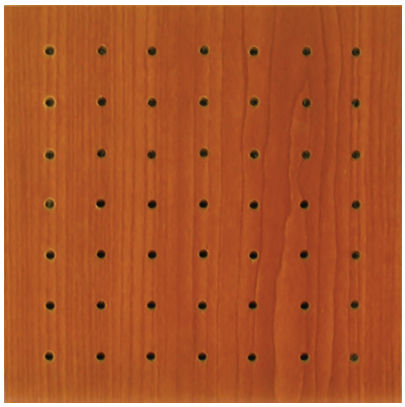


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

PERFORATED OPTION: P316



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
3 / ⅛	16 / ⅝	9 / ⅜	2.75%	24.85%	2.06

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.65 Tested with 2" fiberglass 3 pcf insulation (E-400 mounting) 0.75 Tested with the 1" TerraCORE® Poly







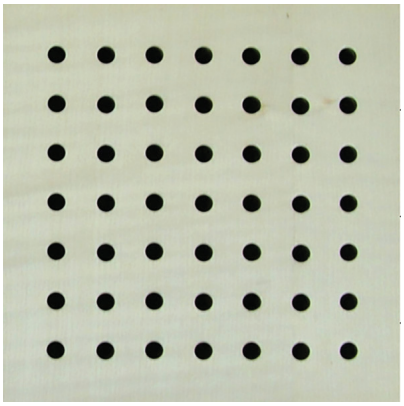


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

PERFORATED OPTION: P616



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
6 / ¼	16 / ⅝	9 / ⅜	11%	24.85%	2.06

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.75 Tested with the 1" TerraCORE® Poly 0.85 Tested with 2" fiberglass 1.5 pcf insulation (E-400)







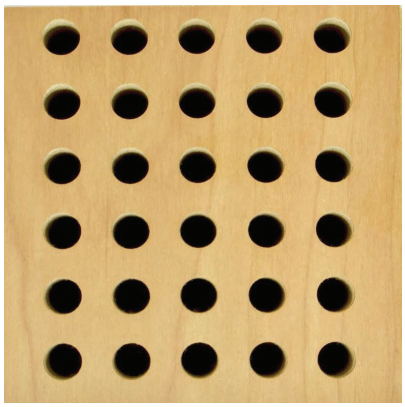


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

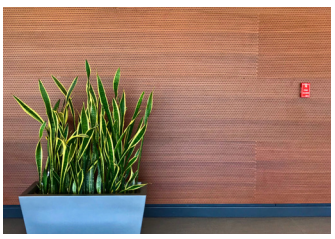
PERFORATED OPTION: P916



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer		HPL			
Oak, Ash, Sapele, and Walnut		Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
9 / ⅜	16 / ⅝	9 / ⅜	24.85%	24.85%	1.88

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.75 Tested with the 1" TerraCORE® Poly 0.85 Tested with 2" fiberglass 1.5 pcf insulation (E-400)

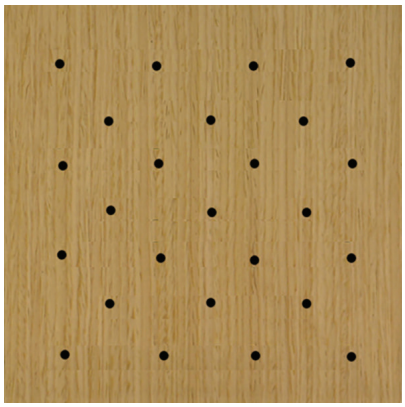


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

PERFORATED OPTION: PL316



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
3 / ⅛	16 / ⅝	9 / ⅜	2.75%	24.85%	2.06

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.75 Tested with the 1" TerraCORE® Poly









TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

PERFORATED OPTION: PL616



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
6 / ¼	16 / ⅝	9 / ⅜	11%	24.85%	1.88

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.75 Tested with the 1" TerraCORE® Poly







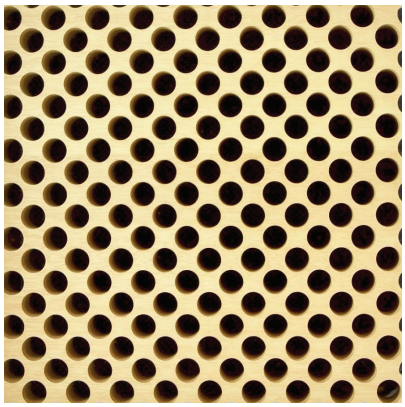


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

PERFORATED OPTION: PL916

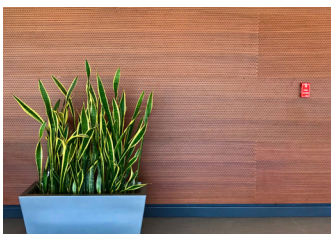


Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
9 / ⅜	16 / ⅝	9 / ⅜	24.85%	24.85%	1.88

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.75 Tested with the 1" TerraCORE® Poly 0.80 1" 3 pcf insulation 1" air gap (Type A) 0.95 2" 3 pcf insulation (E-400)







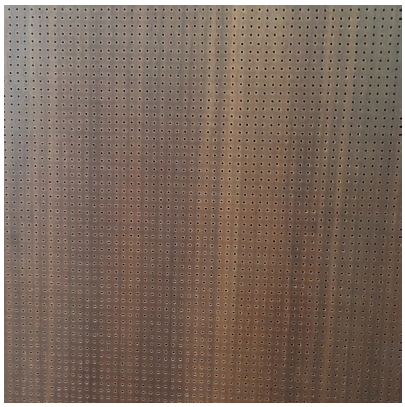


TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

MICRO-PERFORATED OPTION: P104



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer		HPL			
Oak, Sapele, Ash, and Walnut		Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Hole Diameter (mm / inch)	C-T-C Distance (mm / inch)	Single Diameter Holes on 16 mm Centers on the Back of Panels (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
1 / 1/32	4 / 5/32	9 / 3/8	10%	25%	2.05

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / 3/4	600 / 23 5/8	600 / 23 5/8 1,200 / 47 1/4 2,400 / 94 1/2	Tongue and Groove, Square, Reveal	0.90 Wall mounting with 50 mm (2") air gap and insulation









TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

SLOTTED OPTION: S56



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation	Class A
Standard Veneer	Bamboo Veneer	HPL				
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available	According to ASTM-E84 fire testing

Slot Width (mm / inch)	Slot Length (mm / inch)	C-T-C Distance/ Horizontal/ Vertical (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
6 / ¼	56 / 2 3/16	H: 24 / 15/16 V: 96 / 3¾	28.5%	28.5%	2.21

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	0.70 Tested with 2" fiberglass 1.5 pcf insulation (E-400 mounting)






TERRACOUSTICS™

ACOUSTIC WOOD VENEER
WALL & CEILING PANELS

PRODUCT SHEET

SLOTTED OPTION: SL56



Standard Surface Finishes			Core	SoundTex Acoustic Felt on the Back	Insulation
Standard Veneer	Bamboo Veneer	HPL			
Oak, Maple, Cherry, Sapele, Beech, Anigre, and Walnut	Light, Medium, and Dark Bamboo	Solid Colors, Marble, Wood, and many more	MDF	Yes	TerraCORE® Poly or Optional Fiberglass Available

Slot Width (mm / inch)	Slot Length (mm / inch)	C-T-C Distance/ Horizontal/ Vertical (mm / inch)	Open Area		Panel Weight (PSF)
			Front	Back	
6 / ¼	56 / 2 3/16	H: 24 / 15/16 V: 96 / 3¾	28.5%	28.5%	2.21

Panel Thickness (mm / inch)	Panel Width (mm / inch)	Panel Length (mm / inch)	Edge Profile	NRC Value
19 / ¾	600 / 23⅝ 1,200 / 47¼	600 / 23⅝ 1,200 / 47¼ 2,400 / 94½	Tongue and Groove, Square	Not available (NRC value available for S56)



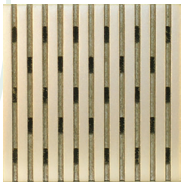
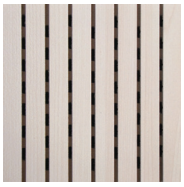






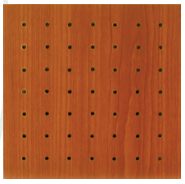
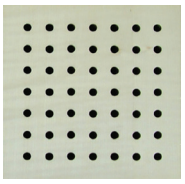
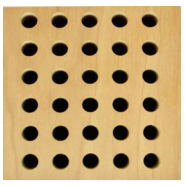
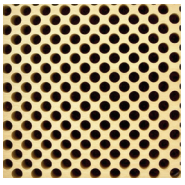
STYLES & DIMENSIONS

GROOVED OPTIONS

Option		Available Panel Widths		Available Panel Lengths		Available Panel Thickness	
		mm	inch	mm	inch	mm	inch
G8		600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
G16		600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
G32		600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾

STYLES & DIMENSIONS

PERFORATED & MICRO-PERFORATED OPTIONS

Option	Available Panel Widths		Available Panel Lengths		Available Panel Thickness	
	mm	inch	mm	inch	mm	inch
P316 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
P616 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
P916 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
PL316 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
PL616 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
PL916 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
P104 	600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾

STYLES & DIMENSIONS

SLOTTED OPTIONS

Option		Available Panel Widths		Available Panel Lengths		Available Panel Thickness	
		mm	inch	mm	inch	mm	inch
S56		600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾
SL56		600 1,200	23⅝ 47¼	600 1,200 2,400	23⅝ 47¼ 94½	19	¾

STYLES & DIMENSIONS

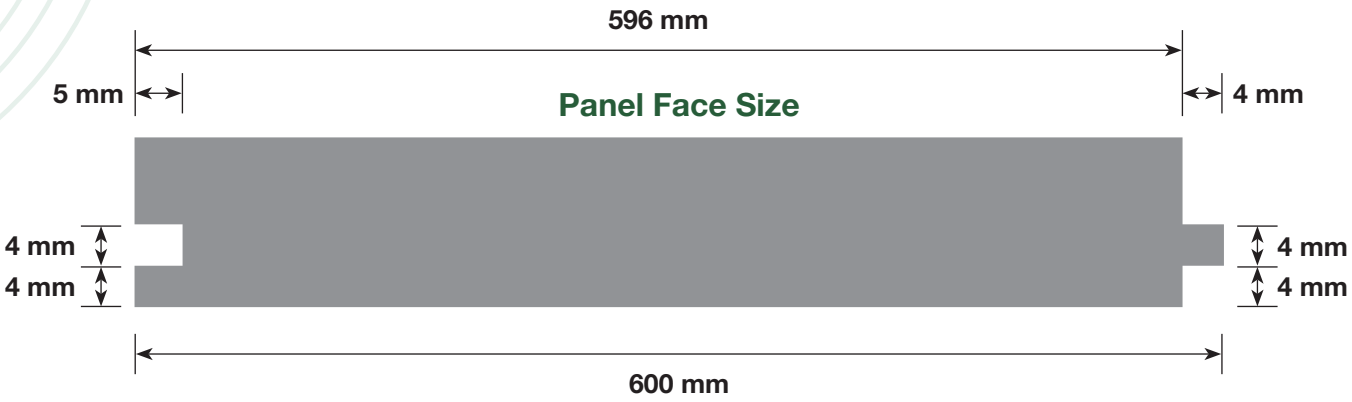
NOTES

STANDARD FINISH: Clear

Custom stain panels also available at an additional price.

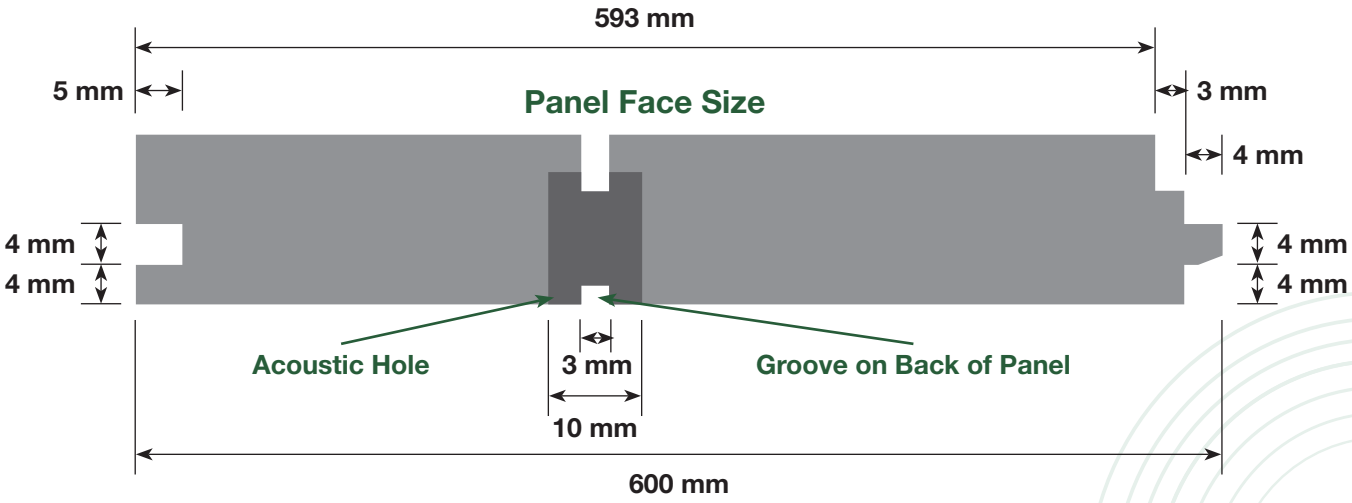
SIZES FOR PERFORATED & SLOTTED OPTIONS

For layout purposes deduct the 4 mm tongue that is not visible when the panels are installed from the listed panel sizes and use the following sizes: 596/1,196 mm wide x 596/1,196/2,396 mm long, respectively 23 7/16" and 47 1/16" wide x 23 7/16", 31 5/16", 47 1/16" and 94 5/16" long. The sizes of just the face of the panels without the 3 mm (1/8") visible reveal are: 592/1,192 mm wide x 592/792/1,192/2,392 mm long, respectively 23 1/4" and 46 15/16" wide x 23 1/4", 31 3/16", 46 15/16" and 94 3/16" long.



SIZES FOR GROOVED OPTIONS

For layout purposes deduct the 4 mm tongue that is not visible when the panels are installed from the listed panel sizes and use the following sizes: 596/1,196 mm wide x 596/1,196/2,396 mm long, respectively 23 7/16" and 47 1/16" wide x 23 7/16", 47 1/16" and 94 5/16" long. The sizes of just the face of the panels without the 3 mm (1/8") visible reveal, or "groove," are: 593/1,193 mm wide x 593/1,193/2,393 mm long, respectively 23 3/8" and 46 15/16" wide x 23 1/4", 46 15/16" and 94 3/16" long.



TerraCORE® Poly

TerraCORE® Poly is an environmentally friendly & acoustical substitution for fiberglass which helps with noise reduction and is a nontoxic solution compared to standard fiberglass! We offer this acoustical insulation in conjunction with the TerrAcoustics panel. This material is created from 80% post consumer recycled material and can be recycled as well. The product is DECLARE certified!

- 1" or 2" thick polyester
- Available in White or Black
- Contains 80% post-consumer recycled material
- No added chemicals or binders
- Manufactured without the use of water
- Virtually no Volatile Organic Compounds (MAS Certified)
- No ozone depleting gases in manufacturing
- 100% recyclable
- Safe, non-irritant, non-toxic and non-allergenic
- 0.80 NRC
- Class A Fire Rated

TECHNICAL INFORMATION

SURFACE OPTIONS

Natural wood veneer selection consisting of ten species oak, maple, cherry, sapele, anigre, walnut, beech, teak, bamboo natural, bamboo caramelized, solid color HPLs, marble HPL, wood HPL, and many more. A standard clear finish is factory applied to the natural wood veneer panel face. We can also offer custom wood veneers, custom stains or paint ready panels at an affordable rate!

MANUFACTURE

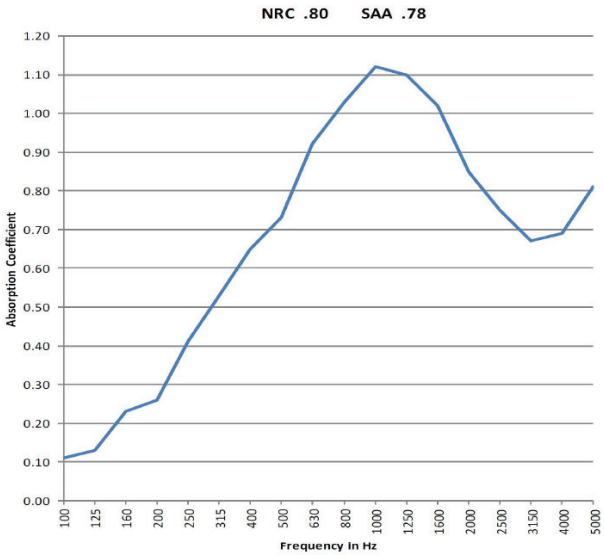
TerrAcoustics™ panels consist of a naturally sourced wood veneer which is laminated to a fire rated or a non fire rated medium density fiberboard (MDF) substrate and black acoustic SoundTex™ felt adhered to its back. Panels are 19mm thick and are manufactured with a tongue and groove, or square edge profile, creating a perfect finish once installed.

WEIGHT

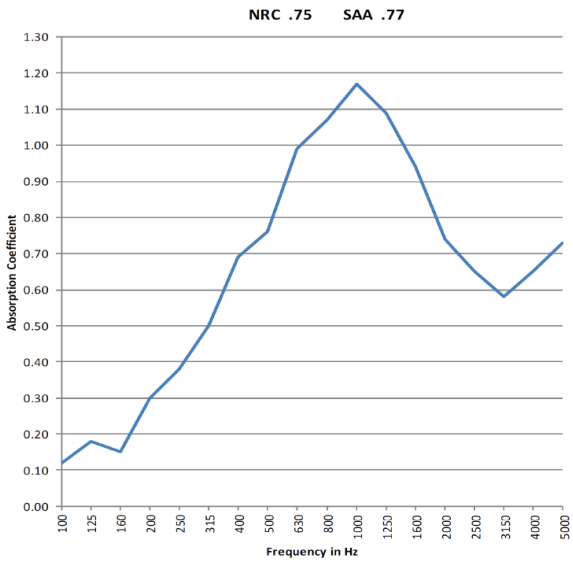
Normal panel weight: depending on the pattern, up to 2.5 pounds per square foot.

ENGINEERED FOR SOUND CONTROL

TerrAcoustics™ panels are one of the most advanced, durable and beautiful absorbing products available today for reducing reverberant noise levels in many environments. Most patterns are performance-tested by a U.S. national certified lab. Acoustical reports can be provided upon request.



G Series TerrAcoustics with SoundTex™ Backing over 1" TerraCore Poly HD (Type "A" mounting)



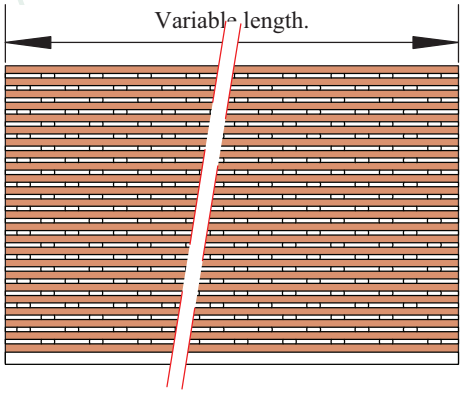
P Series TerrAcoustics with SoundTex™ Backing over 1" TerraCore Poly HD (Type "A" mounting)

FIRE SAFETY

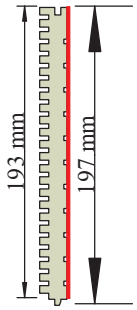
The TerrAcoustics™ panels are fabricated using Class A fire rated materials. The panel cores and/or finish coatings shall comply with fire code requirements. Submittal data is based on material supplier tests. Due to the variety of patterns and veneer combinations available that differ on a project-by-project basis, panel composite testing has not been completed.

TECHNICAL DRAWINGS

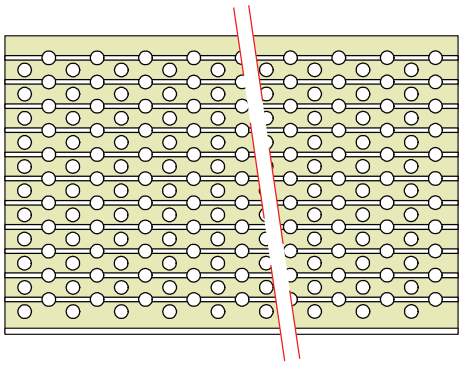
PRODUCT: G8 (197 MM PLANKS)



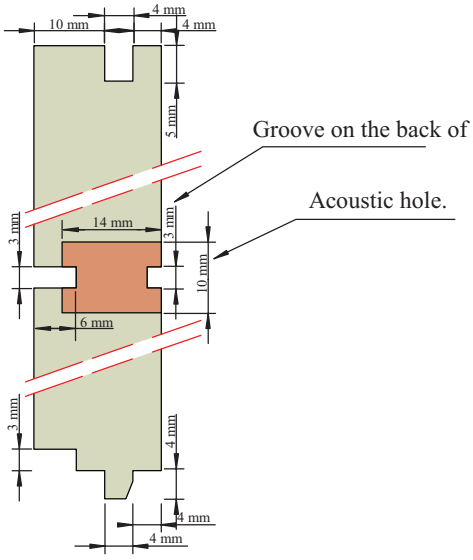
Front face.



Edge view
with SoundTex
acoustic backing.



Back face before
SoundTex added.



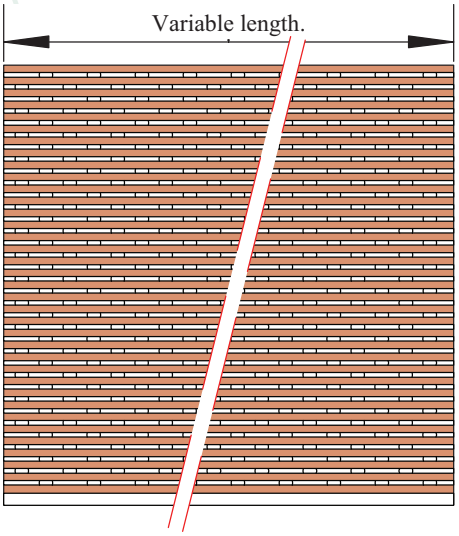
19 mm thick TerraAcoustics™ panels.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

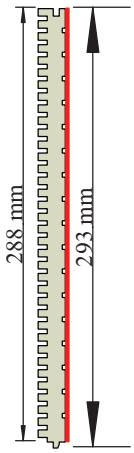
TerrAcoustics™ G8 panels Available in 197 mm plank width. Ends of panels are square cut. Long edges tongue and groove edge profile. Grooves on the face of the panels 3 mm wide x 6 mm deep. Back holes are 10 mm in diameter.	Customer confirmed:	**Product: G8** 197 mm x 19 mm planks 193 mm effective cover	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

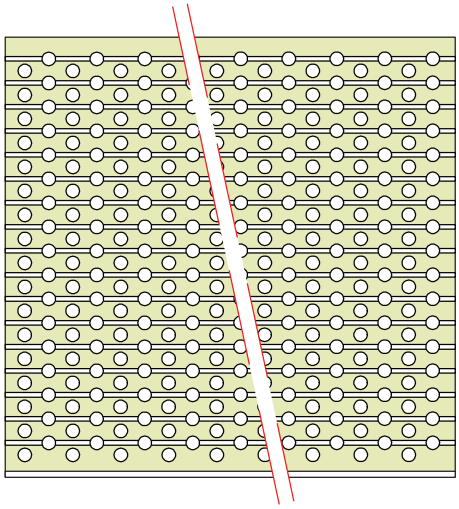
PRODUCT: G8 (293 MM PLANKS)



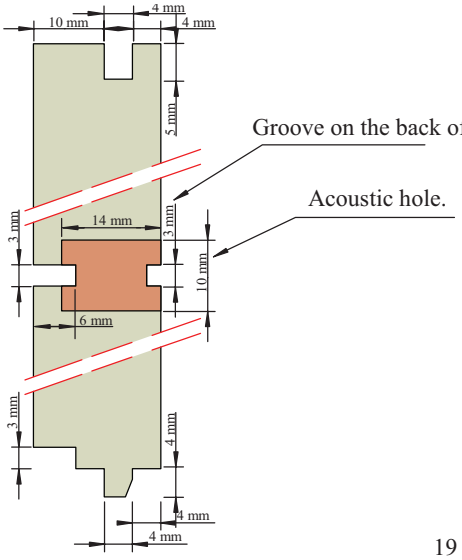
Front face.



Edge view
with SoundTex
acoustic backing.



Back face before
SoundTex added.



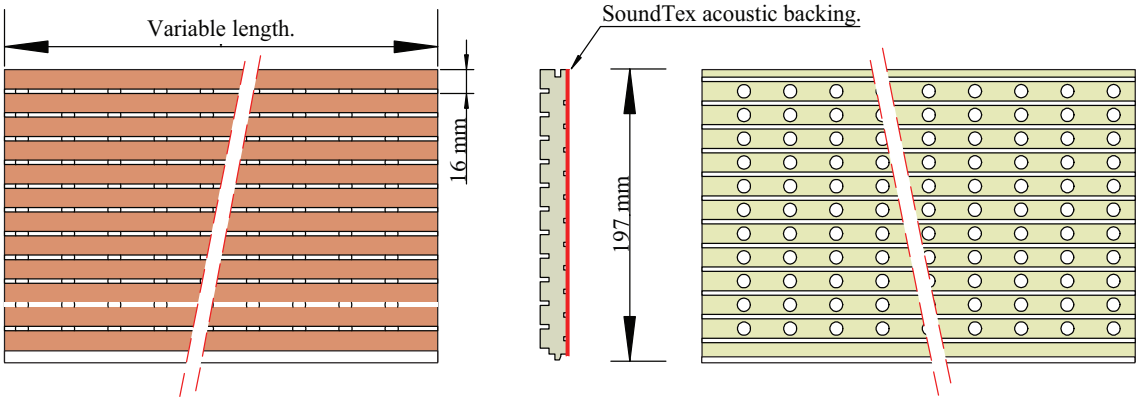
19 mm thick TerrAcoustics™ panels.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

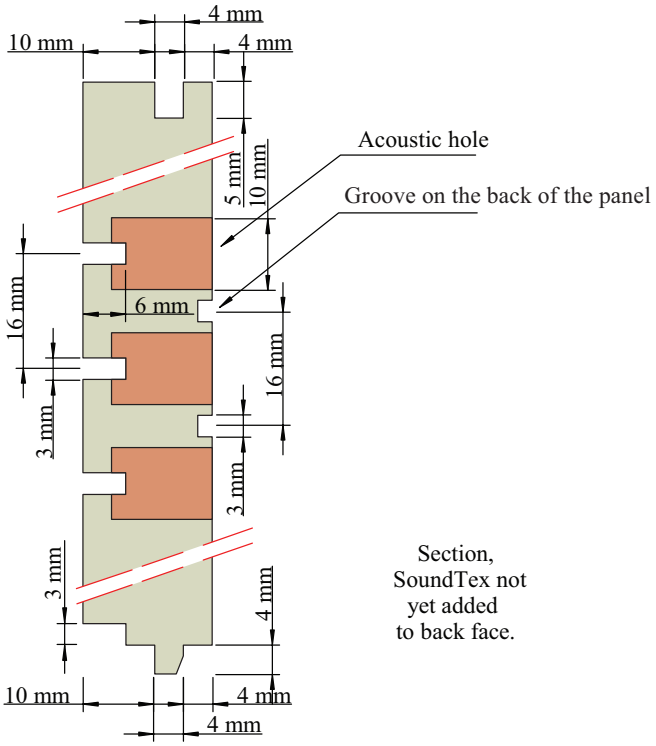
TerrAcoustics™ G8 panels x 19 mm thick End of panels are square cut. Long edges with expressed tongue and groove. Face slots 3 mm wide x 6 mm deep. Back holes bored 10 mm diameter.	Customer confirmed:	**Product: G8** 293 mm x 19 mm planks 288 mm effective cover	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: G16 (197 MM PLANKS)



Front face. edge Back face before SoundTex added.



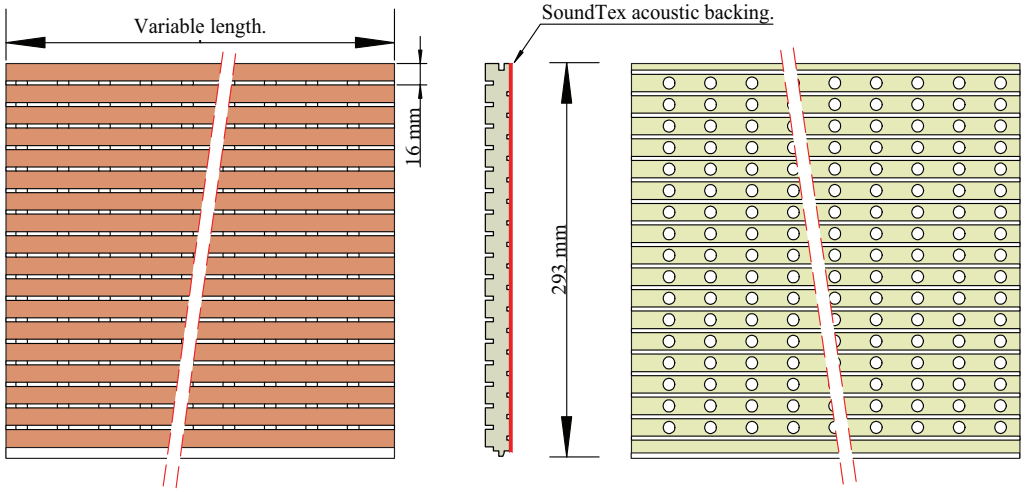
Section, SoundTex not yet added to back face.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

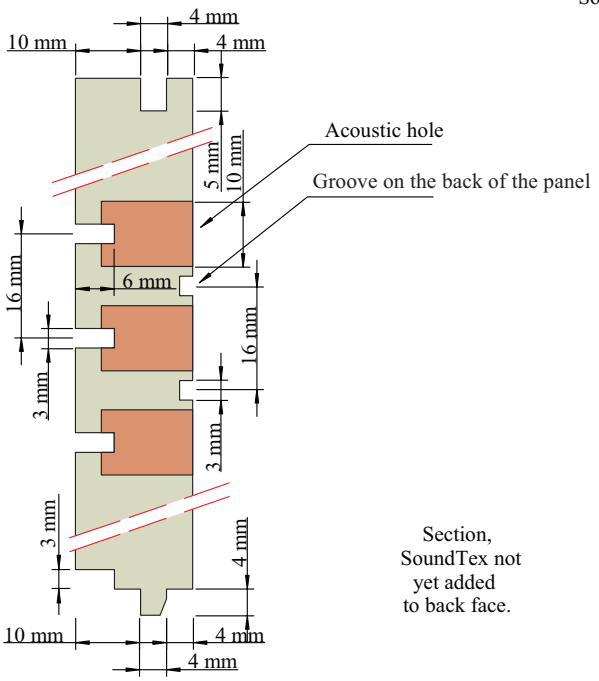
TerrAcoustics™ G16 panels x 19 mm thick End of panels are square cut. Long edges tongue and groove edge profile. Grooves on the face of the panels 3 mm wide x 6 mm deep. Back holes are 10 mm in diameter.	Customer confirmed:	**Product: G16** 19 mm thick 197 mm panels	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: G16 (293 MM PLANKS)



Front face. edge Back face before SoundTex added.



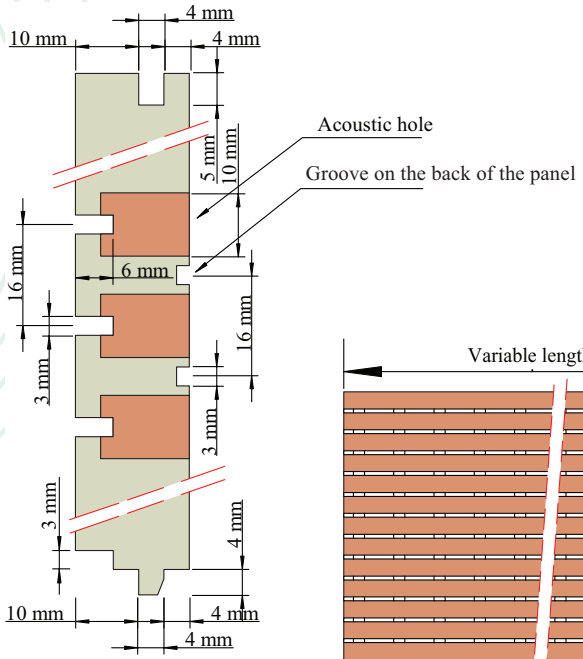
Section, SoundTex not yet added to back face.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

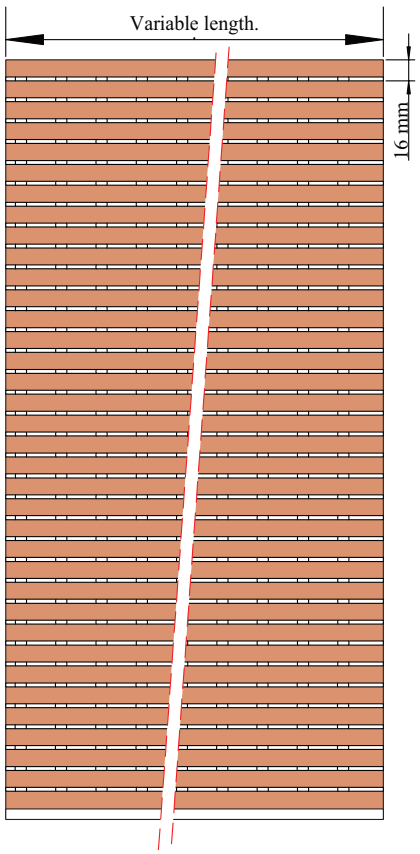
TerrAcoustics™ G16 panels x 19 mm thick End of panels are square cut. Long edges tongue and groove edge profile. Grooves on the face of the panels 3 mm wide x 6 mm deep. Back holes are 10 mm in diameter.	Customer confirmed:	**Product: G16** 19 mm thick 293 mm panels	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

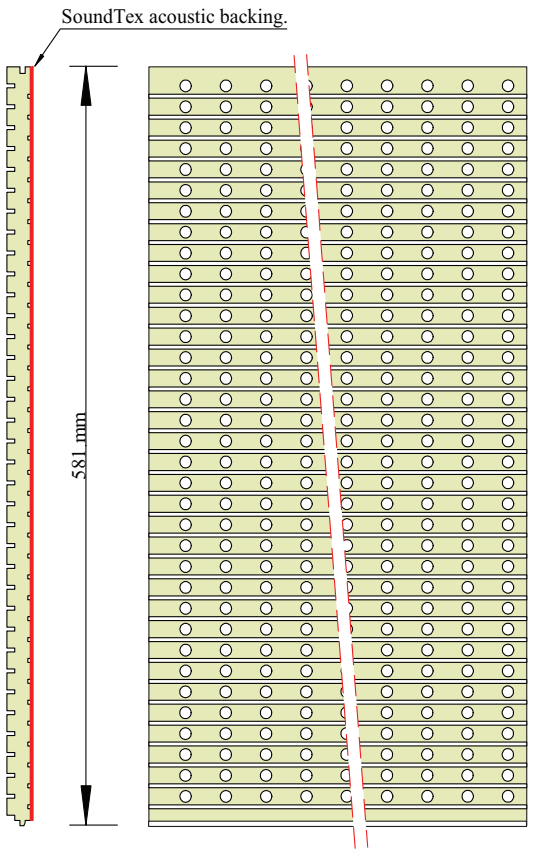
PRODUCT: G16 (581 MM PLANKS)



Section,
SoundTex not
yet added
to back face.



Front face.



edge

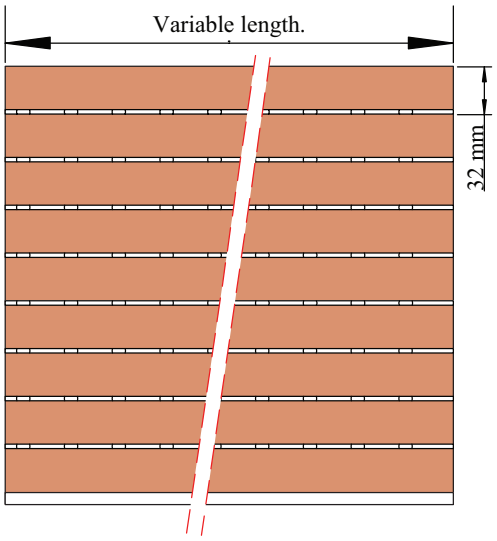
Back face before
SoundTex added.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

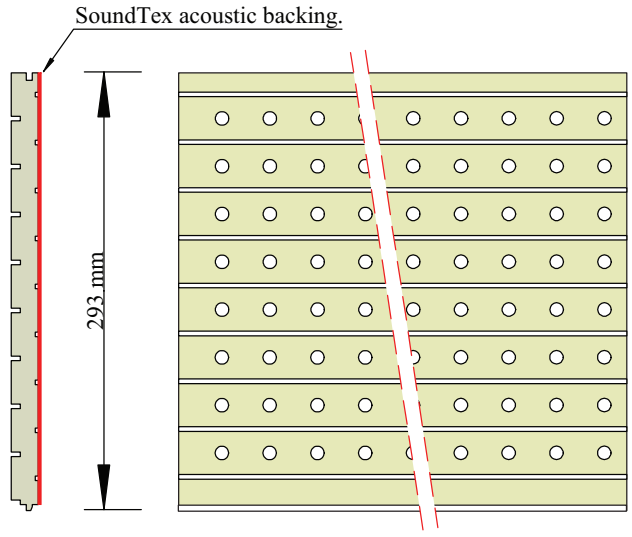
TerrAcoustics™ G16 panels x 19 mm thick End of panels are square cut. Long edges tongue and groove edge profile. Grooves on the face of the panels 3 mm wide x 6 mm deep. Back holes are 10 mm in diameter.	Customer confirmed:	**Product: G16** 19 mm thick 581 mm panels	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: G32 (293 MM PLANKS)

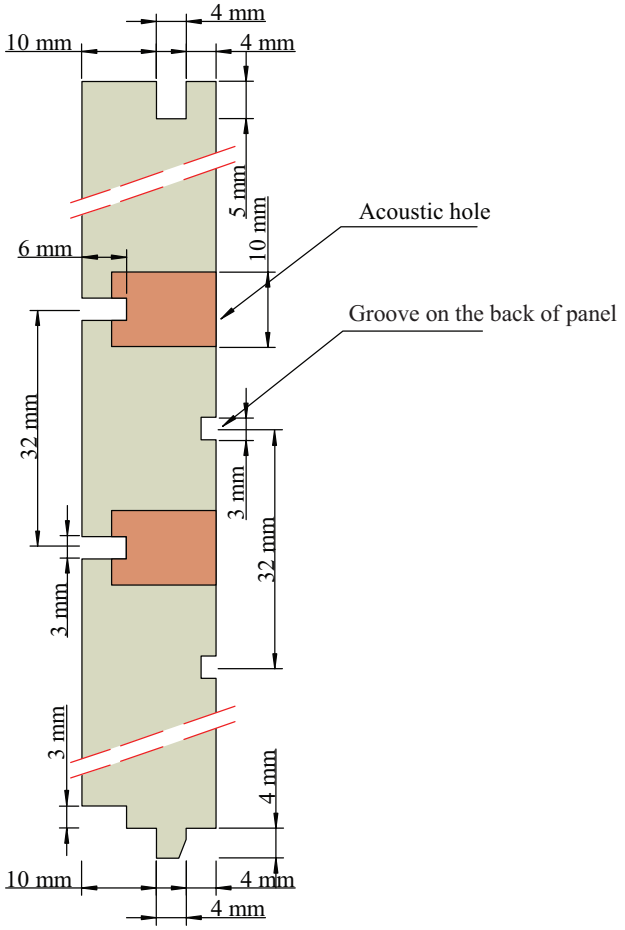


Front face.



edge

Back face before
SoundTex added.



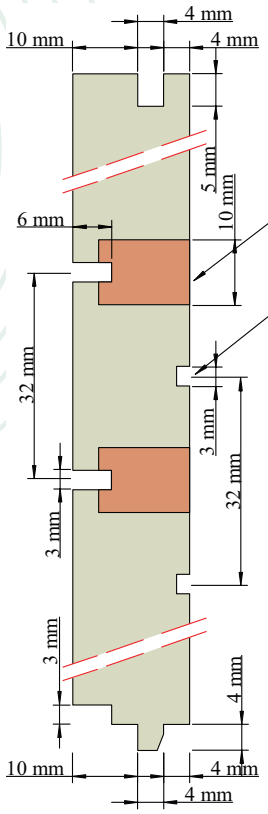
Section,
SoundTex not
yet added
to back face.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

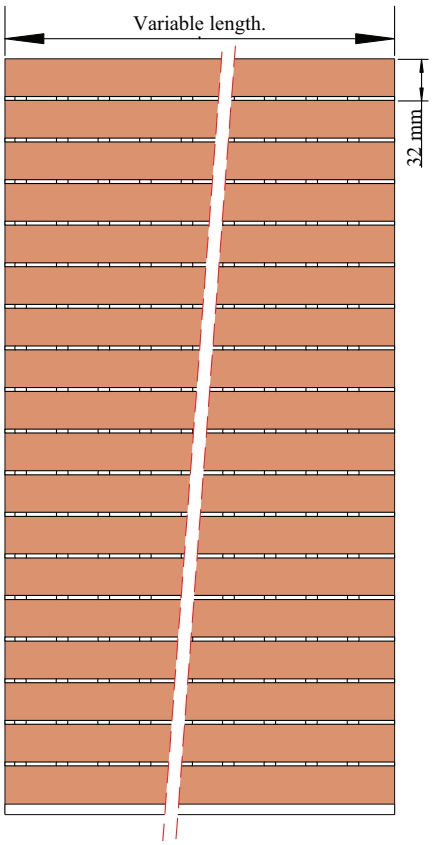
TerrAcoustics™ G32 panels x 19 mm thick End of panels are square cut. Long edges tongue and groove edge profile. Grooves on the face of the panels 3 mm wide x 6 mm deep. Back holes are 10 mm in diameter.	Customer confirmed:	**Product: G32** 19 mm thick 293 mm panels	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

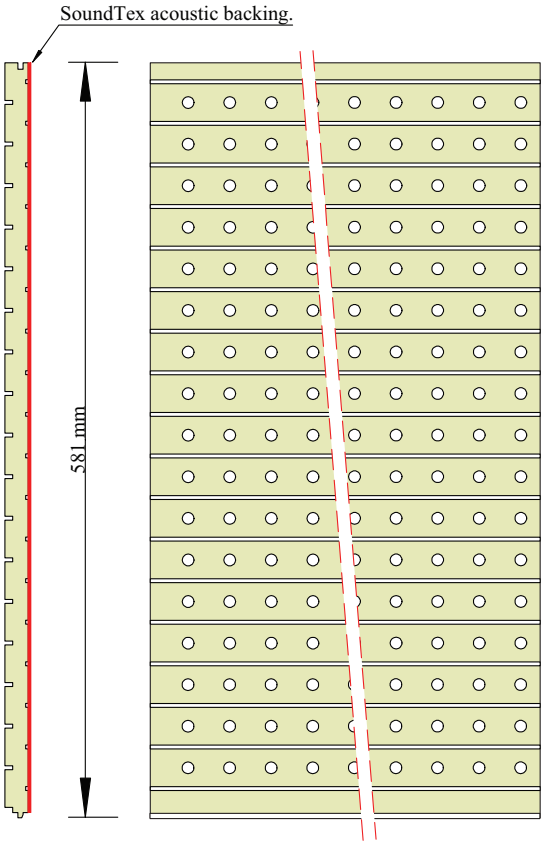
PRODUCT: G32 (581 MM PLANKS)



Section, SoundTex not yet added to back face.



Front face.



edge

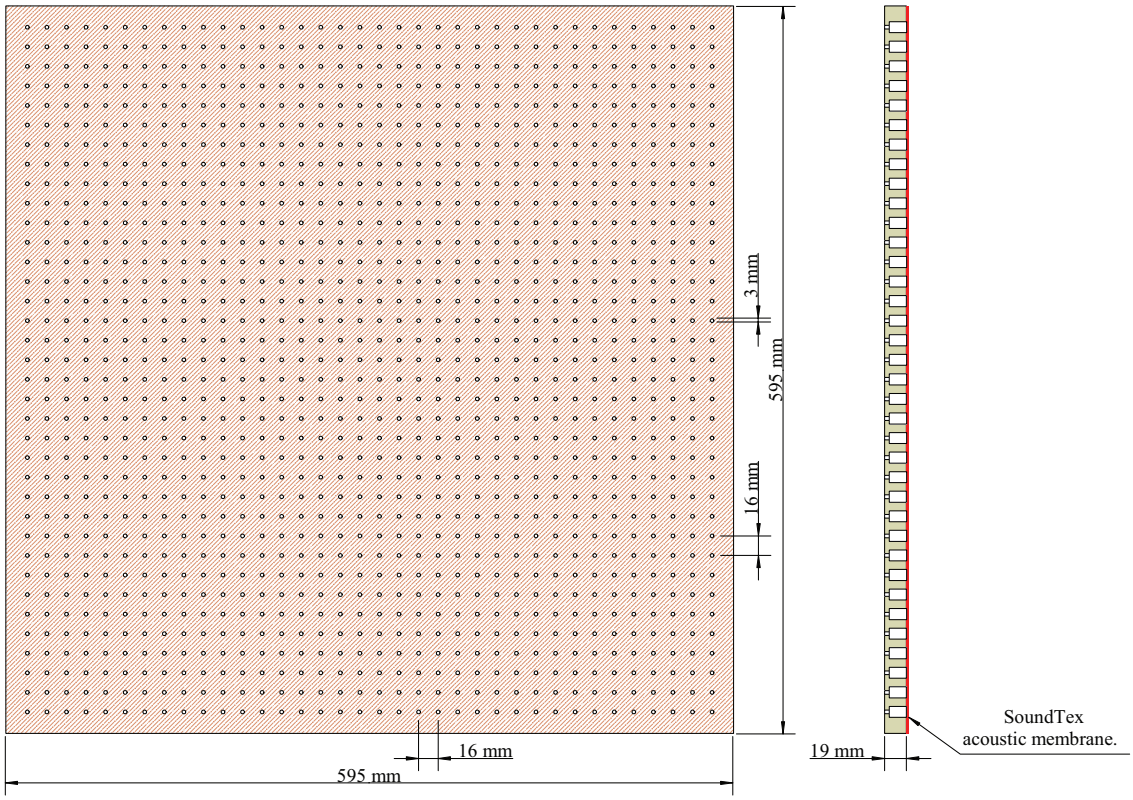
Back face before SoundTex added.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

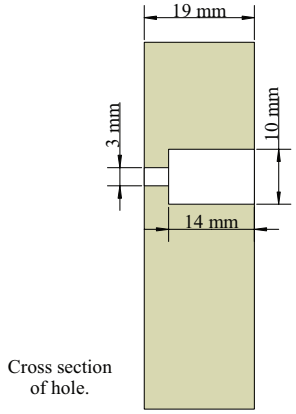
TerrAcoustics™ G32 panels x 19 mm thick End of panels are square cut. Long edges tongue and groove edge profile. Grooves on the face of the panels 3 mm wide x 6 mm deep. Back holes are 10 mm in diameter.	Customer confirmed:	**Product: G32** 19 mm thick 581 mm panels	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: P316 (595 MM PLANKS)



Section through panel.



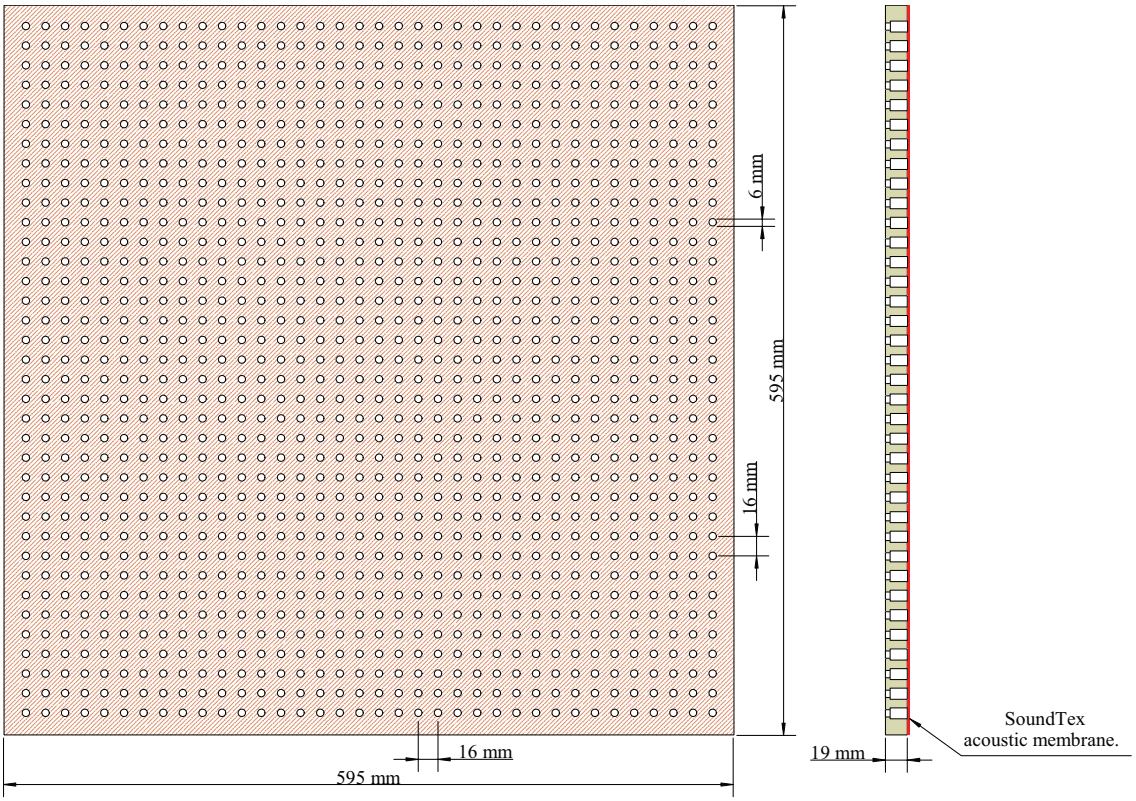
Cross section of hole.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

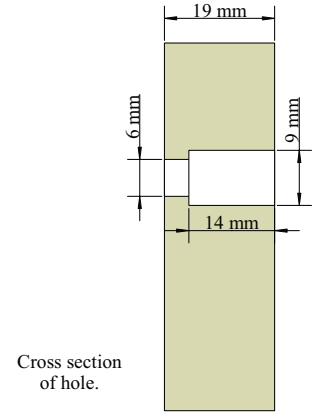
TerrAcoustics™ P316 panels Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Holes are 3 mm in diameter. Back holes are 9 mm in diameter, 14 mm deep. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: P316** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: P616 (595 MM PLANKS)



Section through panel.



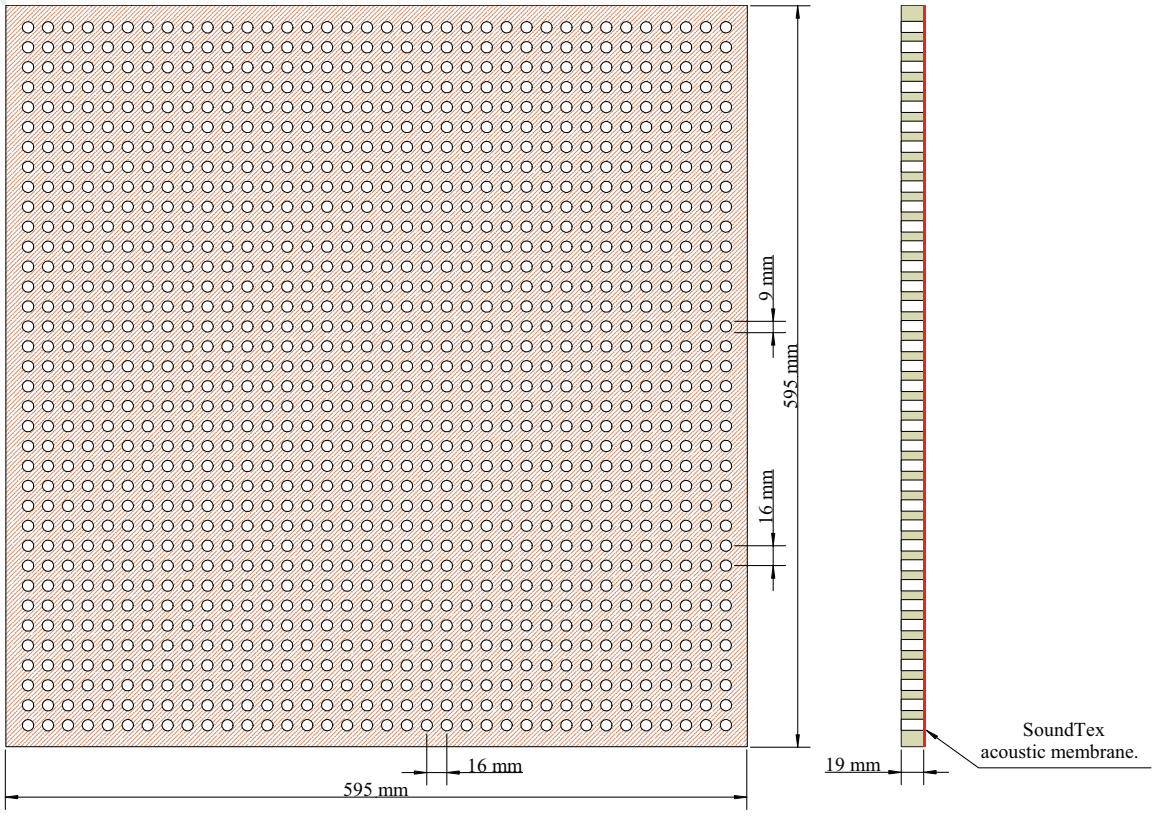
Cross section of hole.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

TerrAcoustics™ P616 panels Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Face holes are 6 mm in diameter. Back holes are 9 mm in diameter, 14 mm deep. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: P616** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: P916 (595 MM PLANKS)



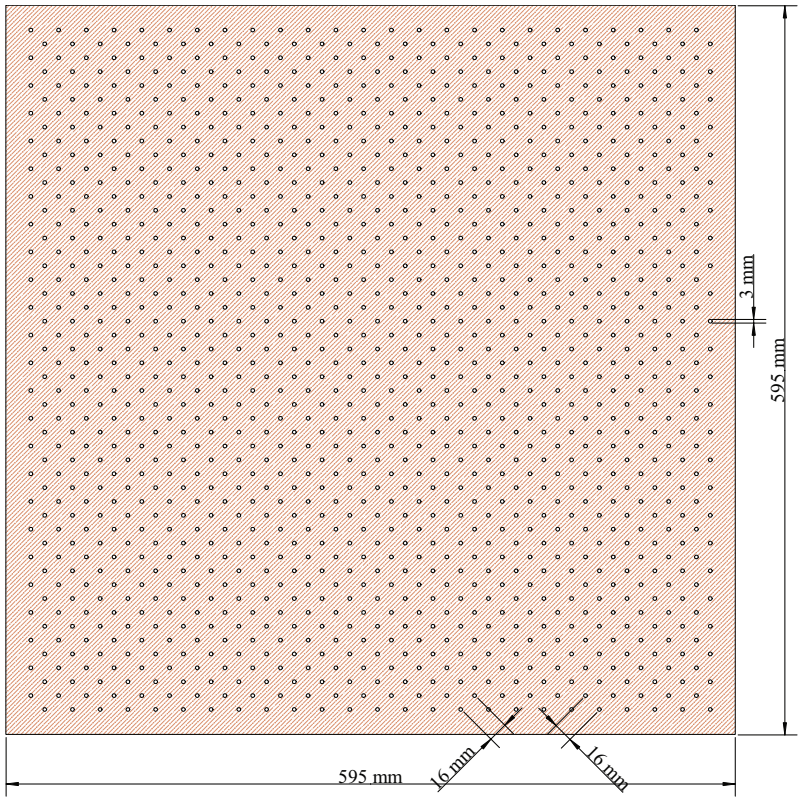
Section through panel.

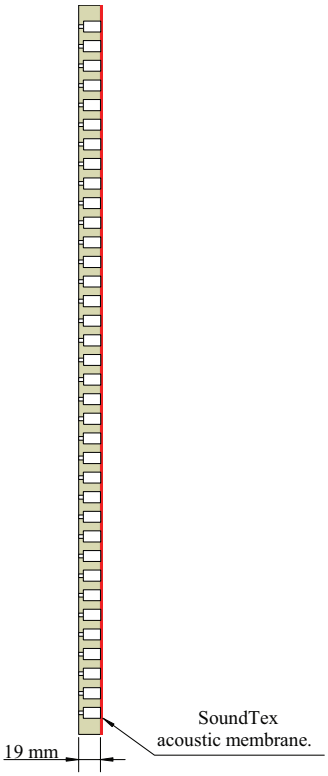
For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

TerrAcoustics™ P916 panels Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Holes are 9 mm in diameter. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: P916** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

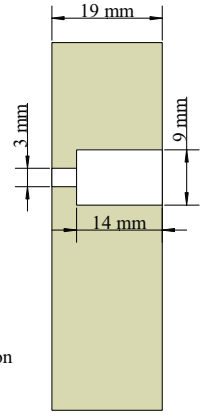
TECHNICAL DRAWINGS

PRODUCT: PL316 (595 MM PLANKS)





Section through panel.



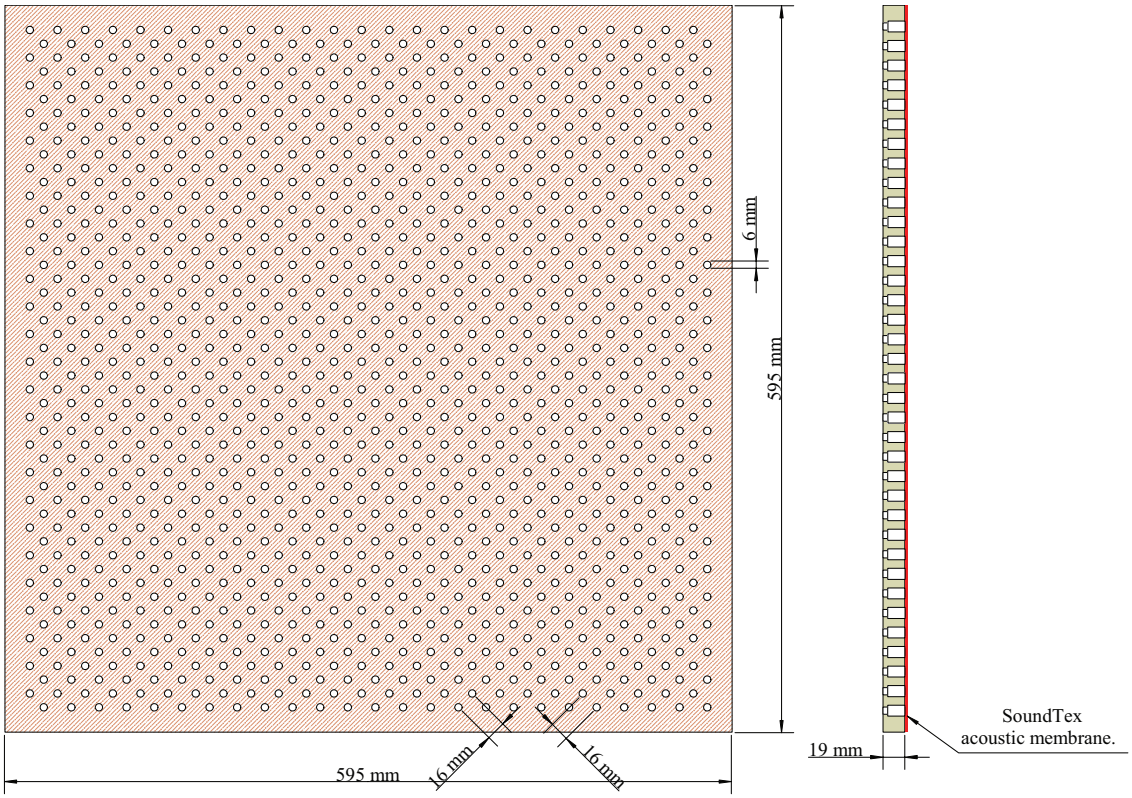
Cross section of hole.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

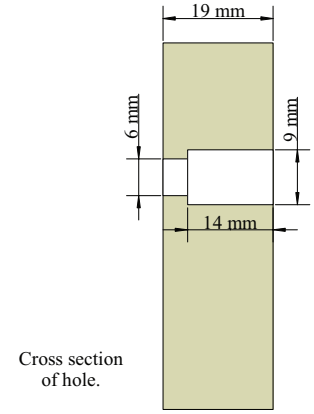
TerrAcoustics™ PL316 panels Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Holes are 3 mm in diameter. Back holes are 9 mm in diameter, 14 mm deep. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: PL316** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: PL616 (595 MM PLANKS)



Section through panel.



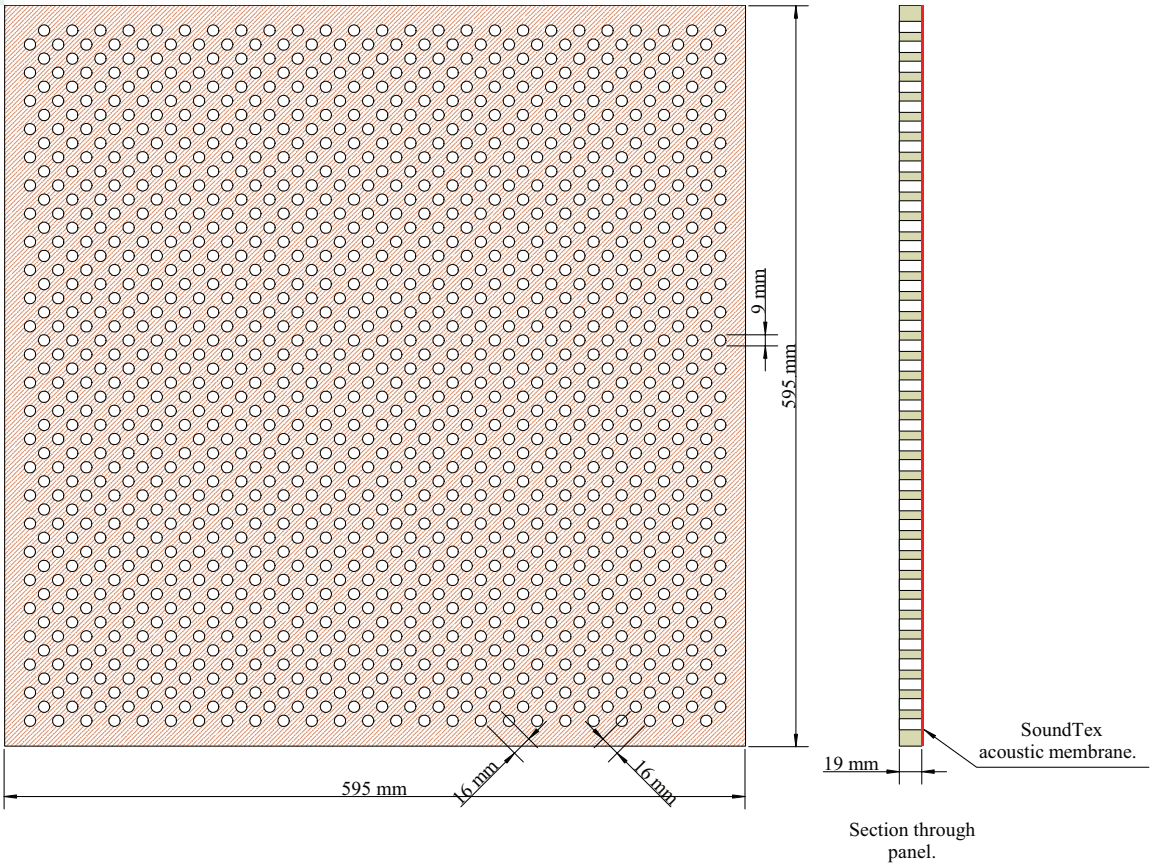
Cross section of hole.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

TerrAcoustics™ PL616 panels Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Holes are 6 mm in diameter. Back holes are 9 mm in diameter, 14 mm deep. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: PL616** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: PL916 (595 MM PLANKS)



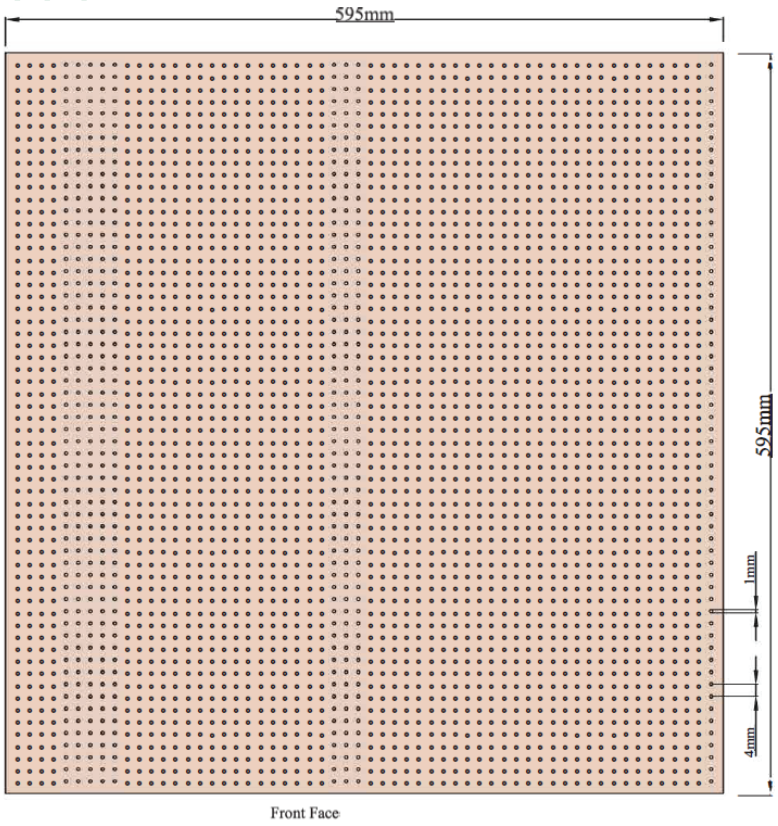
Section through panel.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

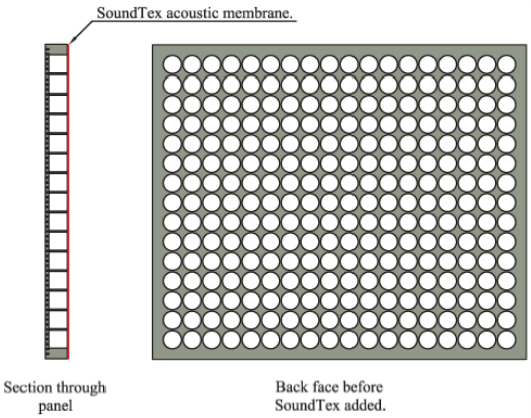
TerrAcoustics™ PL916 panels Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Holes are 9 mm in diameter. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: PL916** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: P104 (595 MM PLANKS)

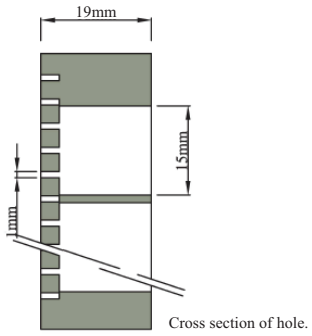


Front Face



Section through panel

Back face before SoundTex added.



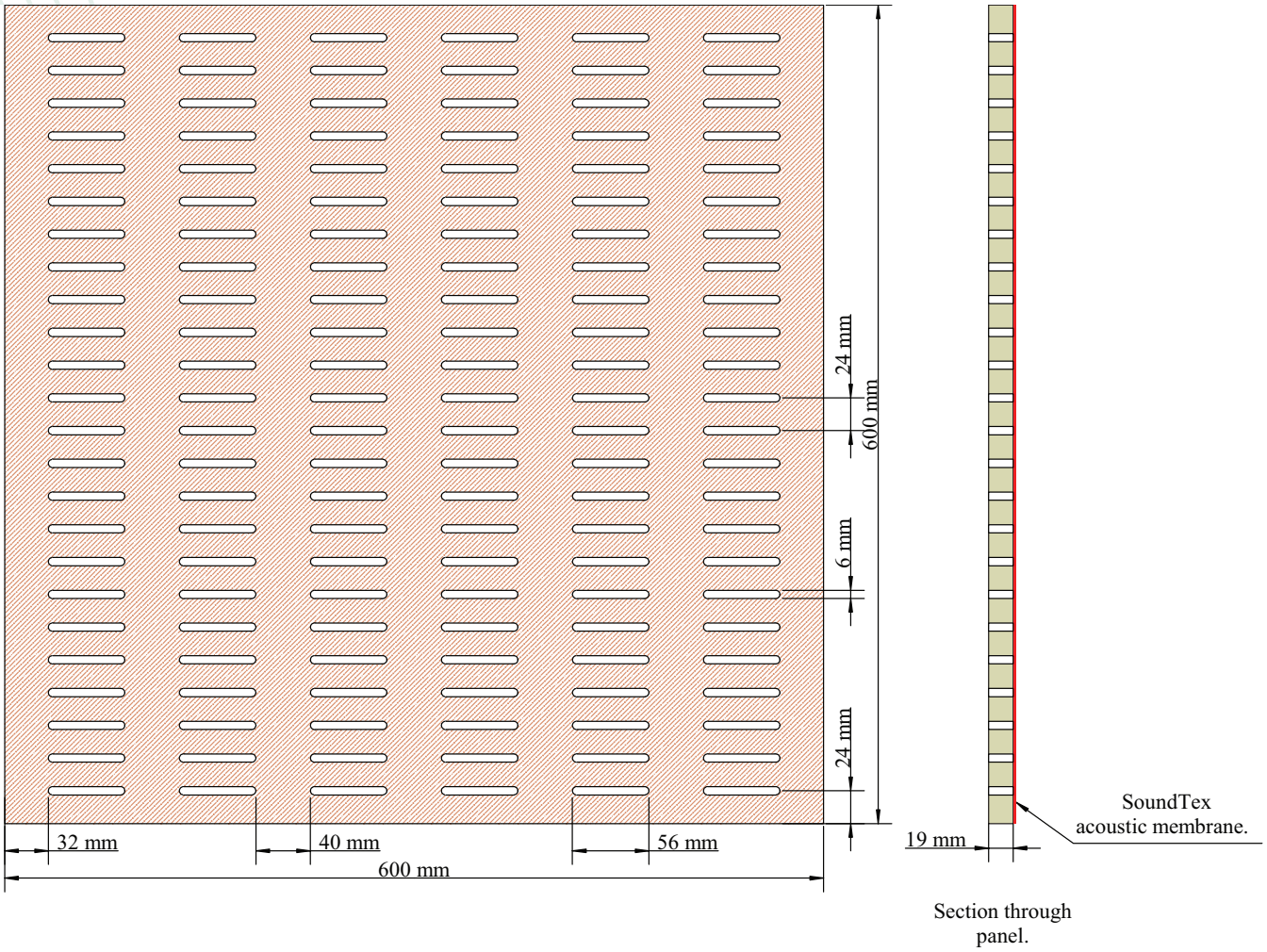
Cross section of hole.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

TerrAcoustics™ P104 panels x 19 mm thick Size 595 mm x 595 mm panel for Tee bar mounting. Edges of panels are square cut. Holes are 1 mm in diameter. Back holes are 9 mm in diameter, 14 mm deep. For other size panels, hole layout and dimensions remain the same. Minimum distance edge of panel to edge of hole = 16 mm. Maximum distance edge of panel to edge of hole = 24 mm.	Customer confirmed:	**Product: P104** 595 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: S56 (600 MM PLANKS)



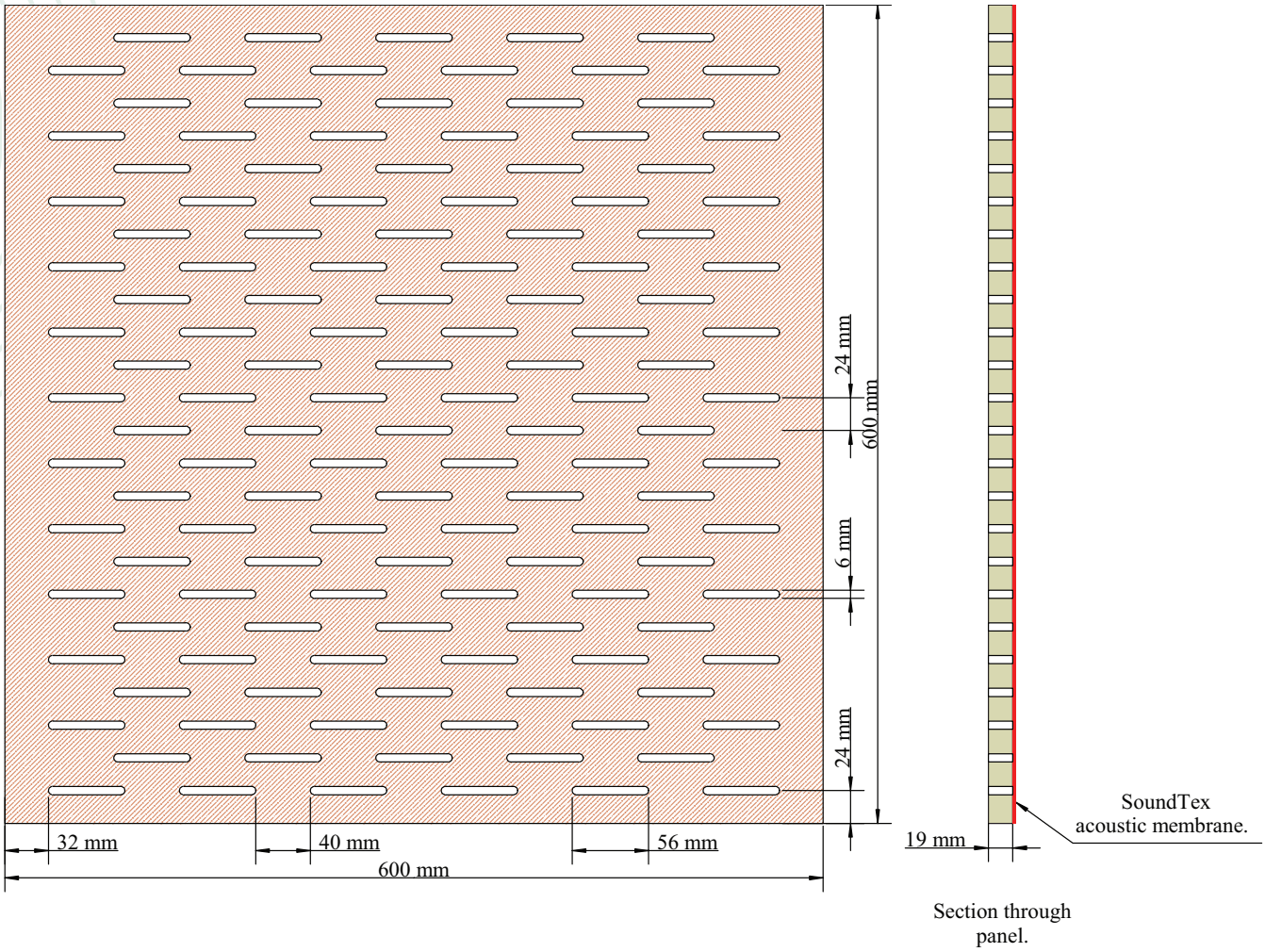
Section through panel.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

TerrAcoustics™ S56 panels Edges of panels are square cut, same treatment as face. Slots are 56 mm long x 6 mm wide full depth. Nominal open space = 13.8%. Nominal weight = 11.3 kg per square meter. Maximum panel size = 1,200 mm x 600 mm. For other size panels, hole layout and dimensions remain the same.	Customer confirmed:	**Product: S56** 600 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

TECHNICAL DRAWINGS

PRODUCT: SL56 (600 MM PLANKS)



Section through panel.

For more information, please contact The Bartley Group, Inc. at 949-215-7979 or info@bartleygroup.com.

TerrAcoustics™ SL56 panels Edges of panels are square cut, same treatment as face. Slots are 56 mm long x 6 mm wide full depth. Nominal open space = 13.8%. Nominal weight = 11.3 kg per square meter. Maximum panel size = 1,200 mm x 600 mm. For other size panels, hole layout and dimensions remain the same.	Customer confirmed:	**Product: SL56** 600 mm square x 19 mm thick	**Note:** Do not scale drawings. Use written dimensions only.
	Measured by:	**Description:** Standard lengths: 600 mm, 1,200 mm and 2,400 mm	

ARCHITECTURAL SPECIFICATIONS

WOOD VENEER ACOUSTICAL PANELS FOR WALLS & CEILINGS

Division 09 finishes: Specification Sections 095100, 098430, 098400, 095126, 095426

PART 1: GENERAL

The general and supplementary conditions of Division 1 of the specifications shall apply to all work of this section.

1.1 SECTION INCLUDES

A. Acoustic wood veneer wall and ceiling panels.

1.2 RELATED WORK NOT INCLUDED

A. Components for walls or ceilings, other than TerrAcoustics™ panel, are not included. The layout and installation of TerrAcoustics™ panels shall be coordinated with other trades whose work is related/adjacent to TerrAcoustics™ installation.

1.3 COORDINATED OF WORK

A. Coordinate wall or ceiling work with installers of related work including but not limited to building insulation, paint, wall coverings, gypsum board, light fixtures, mechanical systems, electrical systems and sprinklers.

1.4 REFERENCES

A. ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials.

B. ASTM C 423 and E 795 Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.

C. ISO 354 Measurement of Sound Absorption in a Reverberation Room.

1.5 QUALITY ASSURANCE

A. Single Source: TerrAcoustics™ panels mentioned in this section shall be supplied by a single manufacturer.

B. Installer Qualifications: Installation contractor shall have at least two (2) years of experience in installing similar acoustical panels.

1.5 QUALITY ASSURANCE (continued)

C. The TerrAcoustics™ panels are fabricated using class A fire rated materials. The panel cores and/or finish coatings shall comply with fire code requirements. Submittal data is based on material supplier tests. Due to the variety of patterns and veneer combinations available that differ on a project-by-project basis, panel composite testing has not been completed. TerrAcoustics™ offers five options of panel construction based on the requirements of the installation:

Option 1: Class A fire rated MDF substrate, standard wood veneer panel face and clear finish coating.

- Standard Wood Veneers offered: walnut (quarter cut and crown cut), maple, ash (quarter cut, crown cut and crown cut-strong), bamboo, anigre, teak, oak, sapele, cherry and beech. Custom veneers may also be available at an additional price.
- Standard finish: CLEAR.
  - Custom stain panels available.
  - Solid, marble, wood, and many HPL patterns available

Option 2: Non fire rated MDF substrate, standard wood veneer panel face and clear finish coating.

D. Environmental Standards: upon request, TerrAcoustics™ panels shall comply with environmental standards set by accredited industry organizations.

E. Alternate Bids: alternate products shall be submitted to the Architectural/Design firm ten (10) days prior to bid closing. Alternate bids can only be considered as an alternate to the specified base bid product.

1.6 SUBMITTALS

A. Product Data: TerrAcoustics™ shall provide technical specifications and installation guidelines for all required panels.

B. Samples: When required, one (1) 12" x 12" TerrAcoustics™ panel, in the specified TerrAcoustics™ panel style, with finish applied, shall be submitted for approval.

1.7 DELIVERY, INSPECTION, STORAGE, AND HANDLING

A. TerrAcoustics™ panels shall be delivered to the project site in original, unopened packages. Any damage to package material, discrepancy in quantity or errors should be put in writing and submitted immediately to the Contractor.

B. The TerrAcoustics™ panels shall be stored flat and level, in a fully enclosed space as per section 1.8 of these specifications. The panels shall be stored in the room in which they will be installed at least 96 hours before the installation takes place and allow to acclimatize. Factory finished products require up to a week or more on site for acclimatization. The room conditions, namely the room's temperature and humidity, shall match the conditions that will be normal in the occupied space.

C. Store the TerrAcoustics™ panels off the ground, on a pallet.

D. TerrAcoustics™ panels shall be handled in a manner that will protect them from any type of damage.

E. Review the TerrAcoustics™ Installation Guidelines (available upon request from your local dealer) for details on how to store, handle and acclimatize the panels prior to installation.

1.8 PROJECT CONDITIONS

A. Installation shall be done only when all wet work has been completed and dried. Temperature and humidity conditions must match the normal conditions in the occupied space. The humidity of the room shall not drop under 25% or exceed 55%. The HVAC system shall be functioning continuously before, during and after installation.

B. It is important that plenums have proper ventilation, especially in high moisture areas. There shall be no excessive buildup of heat in the installation areas.

C. Prior to the start of installation, all exterior windows and doors are to be in place, glazed, and weatherstripped. The roof is to be watertight.

D. Mechanical, electrical, and other utility service installations beyond the wall or ceiling plane shall be completed. No materials should rest against, or wrap around, the wall or ceiling attachment components.

E. Mechanical, electrical, and other utility service installations beyond the wall or ceiling plane shall be completed. No materials should rest against, or wrap around, the wall or ceiling attachment components.

1.9 WARRANTY

A. All TerrAcoustics™ panels have a one (1) year limited warranty by the manufacturer, for manufacturing defects only. Review the TerrAcoustics™ Warranty for complete details on the conditions of the warranty.

B. The Contractor and/or Installation Company shall provide a one (1) year limited installation warranty from final acceptance of completed work and/or date of substantial completion of work.

PART 2: PRODUCT

2.1 MANUFACTURERS

A. Basis-Of-Design Product:

1. TerrAcoustics™

B. For the authorized dealer in your area, contact:

The Bartley Group, Inc.
27071 Cabot Road, Suite 125
Laguna Hills, CA 92653
Toll Free: 888-987-6872
Fax: 877-376-8726
info@terracoustics.com
www.terracoustics.com

**LOCAL AUTHORIZED DEALER/
LOCAL REPRESENTATIVE:**

2.1 MANUFACTURERS (continued)

C. Substitutions:

1. Unless otherwise provided in Contract Documents, proposed substitutions shall be submitted to Architect no later than 10 days prior to date established for receipt of bid.
2. Architect will determine acceptability of proposed substitution and will notify bidder of acceptance or rejection in writing. Proposed substitutions accepted for use on this project by Architect shall be set forth by addenda.
3. Requests for substitution shall include a mock-up panel, which incorporates a mid-wall condition, not less than 18" x 18" in size along with documentation consisting of complete product data, test reports and comparative analysis substantiating compliance of proposed substitution with Contract Documents.
4. Wherever proposed substitution involves changes or modifications to elements of Project, submit drawings showing changes and modifications made necessary by proposed substitution.
5. Proposed substitution shall meet or exceed requirements of this specification including but not limited to, items as follows:
    a. Acoustic performance
    b. Fire resistance performance
    c. Core material composition
    d. Panel size and design
6. Requests for substitution constitute a representation that Bidder/Contractor:
    a. Has personally investigated proposed substitute product and determined it is equal or superior in all respects to specified product;
    b. Will provide same warranty for substitution as for specified product;
    c. Waives claims for additional costs related to substitution which subsequently become apparent; and
    d. Will coordinate installation substitution if accepted, making such changes as may be required for work to be complete in all respects.
7. Requests for substitution which do not provide adequate data for evaluation by Architect will not be considered.
8. Substitution will not be considered which are not presented prior to Bid and will be rejected outright when they are indicated or implied on shop drawings or product data submittals without prior approval by Architect prior to bid submission.

D. The TerrAcoustics™ panels shall be of a no-added-urea-formaldehyde fire rated MDF core with a natural wood veneer face and a clear finish coating. Select from the standard wood veneer selection: walnut (quarter cut and crown cut), maple, ash (quarter cut, crown cut and crown cut-strong), bamboo, teak, anigre, oak, sapele, cherry, beech, bamboo natural, bamboo caramelized, solid, marble, wood and many HPL patterns available. A factory installed Sound Tex™ nonwoven acoustic material is applied to the back of each panel.

E. The TerrAcoustics™ panels shall be [part number]. Each part number indicates the pattern / design preference. Indicate the size / dimension in [X] inches/millimeters wide x [X] inches/millimeters long and be [X] inches/millimeters thick. Use the "TerrAcousticsTM Styles & Dimensions Sheet" for guidance on the available sizes for each pattern. The NRC rating of the TerrAcoustics™ panels shall be [X]. (Note: a higher NRC rating can be achieved with the addition of insulation material behind the panel.)

F. TerrAcoustics™ Non-Acoustical/Reflective panels are also available upon request.

G. For perforated and slotted patterns, panel sizes should not be mixed in order to maintain the same size for the non-perforated border around the perimeter of the panels.

2.2 SUPPORT SYSTEMS

A. TerrAcoustics™ panels shall be attached to a framing substrate system or ceiling grid provided by the installation company, in accordance with the current architectural drawings.

2.3 FINISHES AND COLORS

A. TerrAcoustics™ panels shall be factory-finished with clear finish coatings. Custom stain finishes are also available upon request at an additional price. Custom stain finished panels require a longer lead time. All finishes shall be selected by the designer, architect, or designated owner's representative.

B. Wood is a natural product with variations in grain, texture, and color. Product finishes shall be stained or sealed, factory spray-applied to achieve a smooth surface.

PART 3: EXECUTION

3.1 FABRICATION

A. Factory finished TerrAcoustics™ panels shall be square, true to size and free from twist or other defects that could affect their strength or appearance. Factory applied finish should be uniform, smooth and without blemishes.

3.2 PREPARATION

A. Layout: The Contractor and/or Installation Company shall measure all wall or ceiling areas, and establish the layout of the TerrAcoustics™ panels and support framing, in accordance with installation guidelines.

3.3 INSTALLATION

A. General: The Contractor and/or Installation Company shall install materials in accordance with all applicable regulations and industry standards.

B. All panels shall be installed plumb, squared and rigidly anchored maintaining uniform clearances and accurate alignment measurements.

3.4 CLEANING AND PROTECTION INSTALLATION

A. Upon completion of the TerrAcoustics™ installation, remove dust from surface, grooves and penetrations by vacuuming using only a soft brush. Do NOT scratch wood surface with sharp metal or plastic vacuum attachment. Remove pencil marks with soft erasure. Remove general surface dirt, dust, grease, oils and fingerprints with a soft damp warm cloth with a mild diluted cleaning agent. Wipe dry with a soft dry cloth. Do not use cleaners with grit or cloths that could scratch the wood surface.

B. Contractor shall protect completed TerrAcoustics™ panels from damage by other trades.

C. Review the “TerrAcoustics™ Maintenance Guidelines” document (available upon request from your local dealer) for details on how to clean and protect the panels.

END OF SECTION

MAINTENANCE GUIDELINES

BASIC CONSIDERATIONS

TerrAcoustics™ panels are wood based products made of a fire rated medium density fiberboard substrate, or non fire rated MDF core, and a natural wood veneer or HPL face. By nature, wood is a hygroscopic material, and under normal use and conditions all wood products contain some moisture. Therefore, in high humidity, wood picks up moisture and swells and in low humidity, wood releases moisture and shrinks. Panels are 19 mm thick and are manufactured with a tongue and groove edge or square edge profile, creating a perfect finish when installed.

RECOMMENDATIONS

TerrAcoustics™ panels shall be maintained in the same environmental conditions as during their storage and installation throughout the entire lifetime of the panels. The room humidity needs to be maintained between 25% and 55% with the following exceptions: the damp Southern Coastal areas of the U.S. the relative humidity shall be maintained between 43% and 70% inclusive and the dry Southwestern U.S. shall be maintained between 17% and 50% inclusive. The temperatures need to be maintained between 50° F and 86° F. These humidity and temperature conditions need to be maintained throughout the lifetime of the wood panels.

Uncontrolled extremes, such as relative humidity above or below the above mentioned ranges or sudden changes in the allowable relative humidity and temperature, will likely cause problems.

Avoid localized high heat, such as a hot light source, close to or in contact with the finished surface. Exposure to direct sunlight will alter the appearance of the TerrAcoustics™ panels over time.

Prevent direct contact with moisture, and wipe it dry immediately should any occur. Allowing moisture to accumulate or stay in contact with any wood surface, no matter how well finished, will cause damage.

Remove oil or grease deposits on the panels using a mild flax soap, following its directions for dilution.

Do not use abrasive or chemical or ammonia cleaners on the TerrAcoustics™ panels. Severe damage can result from not adhering to the above recommendations. TerrAcoustics™ and the installation company shall not be held responsible for the damage caused by not adhering to the above.

Accomplish routine cleaning of the panels with a soft, lint-free cloth lightly dampened with water. Allowing airborne dust to build up will tend to dull the finish of the panels over time.

Severe damage can result from not adhering to the above recommendations.

TerrAcoustics™ distributors and/or the installation company shall not be held responsible for the damage caused by not adhering to the above recommendations.

SERVICES

INSTALLATION SERVICES

All authorized dealers offer affordable, professional installations by trained installers. Installers review all orders and confirm layouts prior to installation. Schedules are determined and agreed to in advance so expectations can be managed and the client remains 100% satisfied. Installers schedule layout walks, as needed, with architects and designers to ensure design integrity. Turnover walks are scheduled upon completion to ensure client satisfaction, review maintenance and product warranty.

WARRANTY

TerrAcoustics™ products have a one (1) year limited warranty by the manufacturer for manufacturing defects only. The warranty is subject to the recommended preparation of the job site and proper acclimatization and installation of the panels.

Wood is a natural product and it is normal for color inconsistencies to occur. Inconsistencies can occur within the same panel or between panels. Colors may also vary due to wood grain, species and age and are excluded from this warranty.

All contractor work is guaranteed for one (1) year from final acceptance of completed work and/or date of certificate of substantial completion.

A preferred service contract agreement may be available through your local installation company.

ONE (1) YEAR LIMITED WARRANTY

The Bartley Group, Inc. (BGI), the exclusive U.S. Distributor of the TerrAcoustics™ product line, offers a one (1) year limited time warranty for the TerrAcoustics™ Products.

TerrAcoustics™ panels will be free of defects in materials and workmanship for one (1) year from the date of installation of panels supplied by BGI in accordance with the requirements specified in the Purchase Order provided to BGI by an authorized TerrAcoustics™ distributor / installation company.

This does not apply to obvious defects or deviations from the requirements specified on the Purchase Order provided to BGI. For such defects and deviations warranty claims need to be made to BGI within five (5) days of receipt of the Acoustical Panel shipment. If BGI does not receive written notice of any deficiency as to the TerrAcoustics™ panels within five (5) days after delivery, it shall be presumed that the TerrAcoustics™ panels are without defect. Variations in color, texture or grain are normal characteristics of wood veneer and are not considered defects. These variations are not covered by the one (1) year limited time warranty.

In case of any defects due to a quality nature, and the product cannot be used or requires re-treatment to be used, BGI shall make every effort to correct the imperfection by means of replacing the defective products or having them fixed for TerrAcoustics™ account. In all cases, BGI's liability for defective products will not exceed the total amount of the relevant purchase order value.

This warranty applies solely to TerrAcoustics™ panels supplied by BGI that are subject to the following conditions described below.

WARRANTY CONDITIONS PRIOR TO INSTALLATION

To be protected by this warranty, products must not be stored in damp warehouses, placed in moist or freshly plastered buildings, and/or subjected to abnormal heat or dryness. The panels are to be installed in controlled environments and are not to be directly exposed to sunlight, sources of heat or cold air, water, fire, high or low levels of humidity or moisture, dust, extreme temperatures either low or high, and chemical fumes.

Installation shall be done only when: all wet work had been completed and dried; all mechanical, electrical, and other utility service installations have been completed; all exterior windows and doors are in place, glazed, and weather-stripped; the roof is to be watertight; the area is broom clean.

Temperature and humidity conditions before and during the installation of the TerrAcoustics™ panels must match the normal conditions in the occupied space. The relative humidity of the area shall not drop under 25% or exceed 55% with the following exceptions: the damp Southern Coastal areas of the U.S. the relative humidity shall be maintained between 43% and 70% inclusive and the dry Southwestern U.S. shall be maintained between 17% and 50% inclusive.

The temperature of the room shall not drop under 50° F or exceed 86° F. The HVAC system shall be functioning continuously before, during and after installation.

The TerrAcoustics™ panels shall be acclimatized to the final environment in which they will be installed for at least 96 hours prior to their installation. Factory finished products require up to a week or more on site for acclimatization. No materials should rest against, or wrap around the TerrAcoustics™ panels.

ONE (1) YEAR LIMITED WARRANTY (CONTINUED)

Damage such as warping, sagging, extreme dimensional changes in the panels, mold growth, fading in wood veneer color, etc. resulting from such exposures are not covered by the one (1) year limited time warranty.

The TerrAcoustics™ dealer/representative in the area of installation shall be responsible for communicating the storage and installation requirements to the installation Company and General Contracting Company and for ensuring that the installation owner understands how to care for and preserve the installation.

WARRANTY CONDITIONS AFTER TO INSTALLATION

TerrAcoustics™ panels shall be maintained in the same environmental conditions as during their storage and installation throughout the entire lifetime of the panels. No localized high heat, such as a hot light source, shall come close to or in contact with the finished surface. Exposure to direct sunlight will alter the appearance of the TerrAcoustics™ panels over time.

TerrAcoustics™ panels shall not be exposed to direct contact with moisture. Moisture allowed to accumulate or stay in contact with any wood surface, no matter how well finished, will cause damage. No abrasive or chemical or ammonia cleaners shall be used on the TerrAcoustics™ panels.

Damage such as warping, sagging, extreme dimensional changes in the panels, mold growth, fading in wood veneer color, etc. resulting from such exposures are not covered by the one (1) year limited time warranty.

Damage caused by not complying with the warranty conditions prior to and after the installation render this warranty null and void.

BGI does not make, and expressly disclaims, all representations and warranties not expressly made in this warranty document, including, without limitation, implied warranties of merchantability fitness for a particular purpose and non-infringement.