

# Product Specifications

<b>Product Name</b>	Folded Baffles 014
<b>Product ID</b>	BFL-FLD-014
<b>Acoustics</b>	0.75 - 0.95 NRC*
<b>Lead Time</b>	Lead time is dependent on project size. Contact us for more information.
<b>Durability</b>	Contract

<b>Warranty</b>	Comes with industry-leading standard warranty.
<b>Flammability</b>	ASTM E84: Class A
<b>Custom</b>	Custom colors and manufacturing services available. Additional charges and lead times may apply.
<b>Maintenance</b>	Vacuum occasionally to remove airborne dust or debris. Mild detergents or soaps may be used to remove stains. For detailed care instructions, refer to the <b>CSI Creative Maintenance Information</b> document.

# Material Specifications

	<b>Soundcore®</b>	<b>PoshFelt®</b>
<b>Content</b>	Recycled PET acoustic felt	100% Merino or Karakul wool acoustic felt
<b>Weathering</b>	Colorfast, non-deteriorating, non-hygroscopic	Colorfast, non-deteriorating, non-woven, moisture resistant
<b>Environmental</b>	Recycled PET acoustic felt is 60% post-consumer recycled content and is 100% recyclable. Contributes points toward LEED v4, CDPH v1.2, VOC free, non-toxic, non-allergenic, anti-microbial - does not attract mold and mildew. Compliant with Living Building Challenge criteria & DECLARE Red List Free.	100% organic wool design felt is a rapidly renewable resource and is 100% biodegradable/compostable. Contributes points toward LEED v4, CDPH v1.2, VOC free, no chemical irritants, no formaldehyde, and is free of other harmful substances. Compliant with Living Building Challenge criteria & DECLARE Red List Free.
<b>Variation</b>	PET felt panels are created through a manufacturing process known as 'felting'. This process results in a heathered appearance. Color or color tones may appear in the same panel. Slight color variations should be expected.	Due to its 100% natural origin, the raw fibers of wool felt contain inclusions and color variations throughout the material. Color matching is not guaranteed between dye lots and inconsistencies may be more prominent in volumes that exceed the normal commercial standard.

**Declare.**

**Soundcore®  
CSI Creative**

Final Assembly: Minneapolis, Minnesota, USA  
 Life Expectancy: 20 Years  
 100% of our Carbon Footprint is Renewable or in Transition  
 100% of our Plastic is Recycled

**Ingredients:**  
 PET felt and fiber: Polyethylene Terephthalate (PET) master batch  
 Polyethylene Terephthalate

**Living Building Challenge Criteria Compliant**

100 Red List: 0%  
 100% Red List Free: 100%  
 100% Red List Approved: 100%  
 100% VOC Content: Not Applicable  
 100% VOC Content: Not Applicable

CDPH 002  
 03/01/2024  
 Original Issue Date: 2023

**Declare.**

**PoshFelt® 100% Organic Wool Design  
Felt  
CSI Creative**

Final Assembly: Scotland, Spain  
 Life Expectancy: 20 Years  
 100% of our Carbon Footprint is Renewable or in Transition  
 100% of our Plastic is Recycled

**Ingredients:**  
 Sheep's Wool: Sheep's Wool  
 Open: 2-Aminoethanesulfonic acid, 1-amino-4-(2-hydroxyethyl)-  
 monoammonium salt; 2-Aminoethanesulfonic acid; L-lysine-HCl  
 1-((2S)-2-hydroxyethylamino)ethane-1-thiol; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl  
 2-amino-2-hydroxypropanoic acid; L-lysine-HCl

**Living Building Challenge Criteria Compliant**

100 Red List: 0%  
 100% Red List Free: 100%  
 100% Red List Approved: 100%  
 100% VOC Content: Not Applicable  
 100% VOC Content: Not Applicable

CDPH 002  
 03/01/2024  
 Original Issue Date: 2023

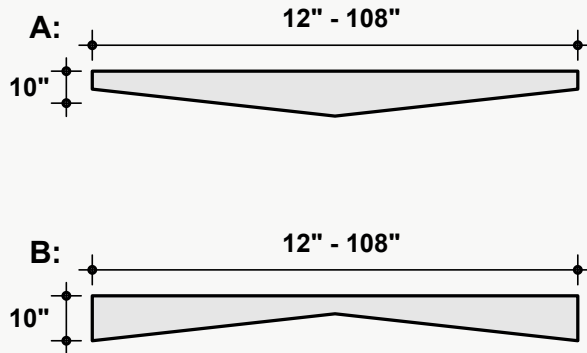


\*Approximate. NRC rating may vary due to product dimensions and spacing.

# Dimensions

## Standard Unit Dimensions

Typical ranges for length and height.

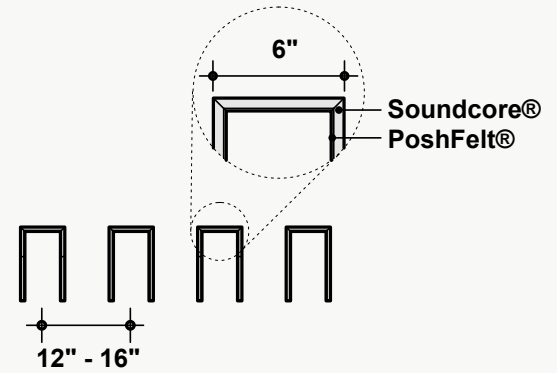


## Custom Opportunity

Product dimensions can be manipulated in order to fit your design aesthetic and site conditions.

## Standard Unit Thicknesses

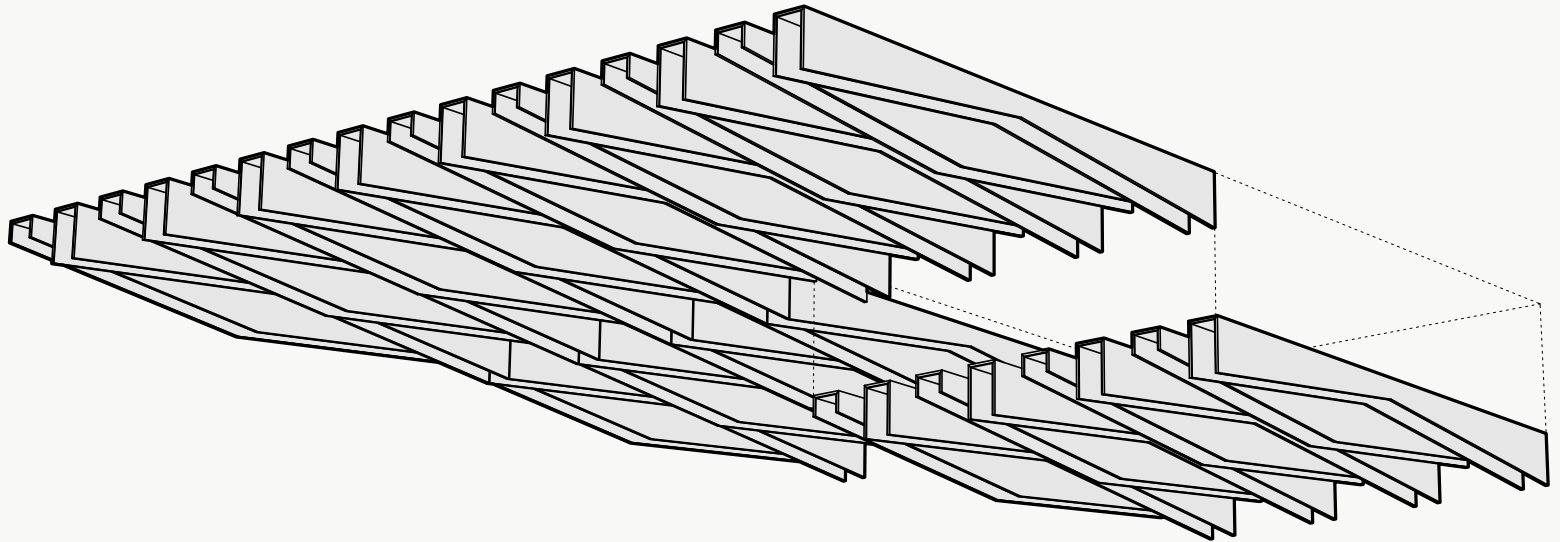
Thickness is dependent on material layer selection.



## On-Center Spacing

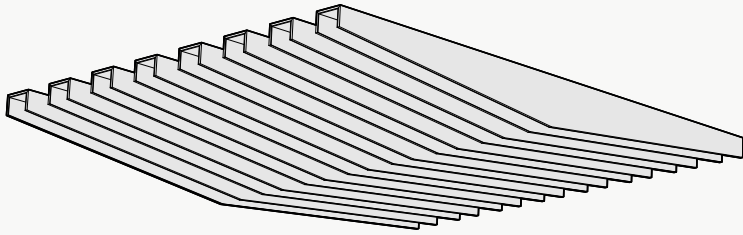
Our standard product spacing is 6"-12" on-center. Acoustic performance of the product improves as spacing is reduced.

## Product Details

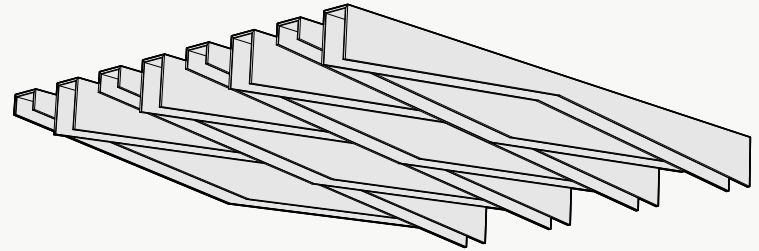


## Configuration Options

*The layouts shown are a summation of individual units. Individual units may be assembled in various arrangements to dictate the larger design. Configurations shown are suggested, but can be rearranged to achieve a custom layout.*



**Uniform**



**Alternating**

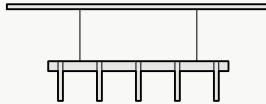
# Installation Options

All products and installation methods can be **customized** to meet the unique requirements of your space.

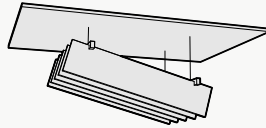
## Rail Suspension Advantages

Rail suspension installation methods are designed for fast and easy installation by reducing the amount of suspension points. The rail structure acts as a guide for the baffles, maintaining baffle spacing and orientation while remaining easily customizable to fit most RCP layouts.

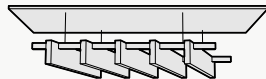
Pre-Defined Spacing



Consistent Angle



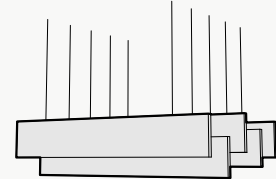
Non-Perpendicular Arrangements



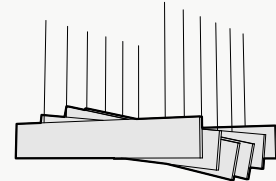
## Individual Suspension Advantages

Individual suspension installation methods excel at accommodating irregular layouts. They are the most versatile installation style, and can be customized to fit even the most unique RCP layout.

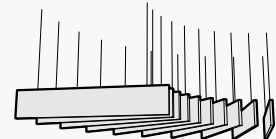
Height Variation



Angle Variation



Non-Linear Arrangements



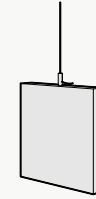
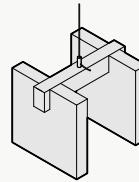
## Attachment Methods\*

### Rail Suspension

### Individual Suspension

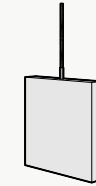
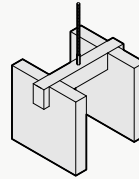
#### Aircraft Cable

- + Fastest/easiest height adjustment
- + Largest height adjustment range
- + Height and angle versatility
- + Accommodates uneven ceiling surfaces and MEP



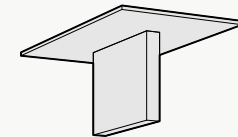
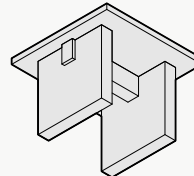
#### Threaded Rod

- + Reduced product sway
- + Height and angle versatility
- + Accommodates uneven ceiling surfaces and MEP



#### Mechanical Direct

- + Lowest profile installation method
- + Eliminates product sway
- + Connects to: Unistrut, ACT Grid, flat ceiling surfaces
- + Connections: Magnets, Grid Clips, Panel Clips, Metal Bracket, Custom

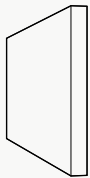


\*Not all listed attachment methods may be applicable to this product.

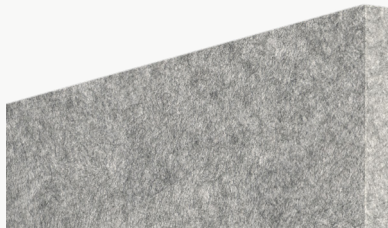
## Material Layers

### Soundcore®

Our recycled PET felt creates an acoustic barrier, defending against wandering white noise and irritating echoes.

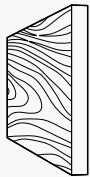


Single Layer  
½" Thickness



### Soundcore® Wood Textures

Soundcore® wood textures provide the natural aesthetic of wood while maintaining all the acoustic benefits of PET felt. Custom texture opportunities are also available upon request.

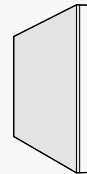


Single Layer  
½" Thickness



### PoshFelt® Exposed Edge

100% organic, natural wool design felt brings out the best experience in your space with color, comfort, and simple sustainability. Exposed edge products leave the Soundcore® layer uncovered, allowing for unique color combinations.



Multi-Layer  
Adds ⅛"-¼" to Material Thickness

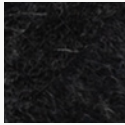




PoshFelt® | 3mm Thickness



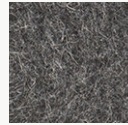
**PSH005**  
Black Beauty



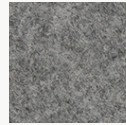
**PSH161**  
Black Swan



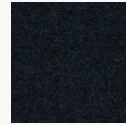
**PSH266**  
Koala



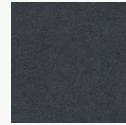
**PSH001**  
Gray Matter



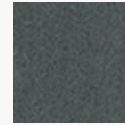
**PSH176**  
Warmstone



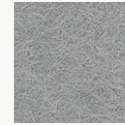
**PSH627**  
Blackberry



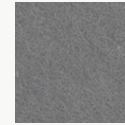
**PSH265**  
Slag



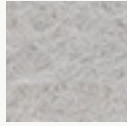
**PSH513**  
Gravel



**PSH512**  
Ash Plume



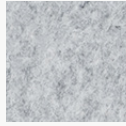
**PSH004**  
Porpoise



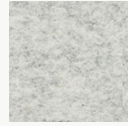
**PSH625**  
Silver Chain



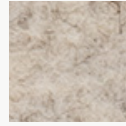
**PSH609**  
Cityscape



**PSH300**  
Crevasse



**PSH299**  
Mountain Breeze



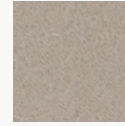
**PSH515**  
Blizzard



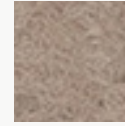
**PSH175**  
Dovetail



**PSH624**  
Dapple Gray



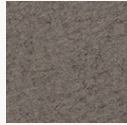
**PSH127**  
Mocha



**PSH635**  
Eggshell



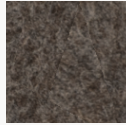
**PSH178**  
Fawn



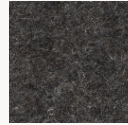
**PSH520**  
Silt



**PSH002**  
Heather



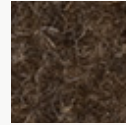
**PSH003**  
Otter



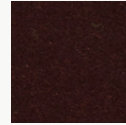
**PSH179**  
Arctic Seal



**PSH180**  
Iron Ore



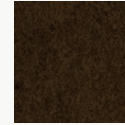
**PSH545**  
Henna



**PSH249**  
French Press



**PSH248**  
Mink



**PSH146**  
Auburn



**PSH521**  
Cocoa



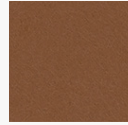
**PSH269**  
Canyon



**PSH253**  
Toffee



**PSH602**  
Cafe



**PSH268**  
Gingerbread



**PSH255**  
Tropical Walnut



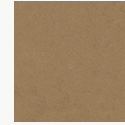
**PSH504**  
Earth



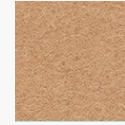
**PSH505**  
Garrigue



**PSH503**  
Savanna



**PSH509**  
Cairo



**PSH621**  
Pan



**PSH281**  
Great Plains



**PSH291**  
Gobi



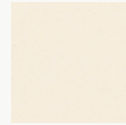
**PSH630**  
Sand Dune



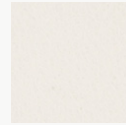
**PSH006**  
Shiitake



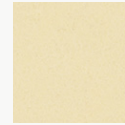
**PSH519**  
Cupcake



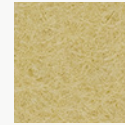
**PSH118**  
Ivory Lace



**PSH174**  
Cotton



**PSH293**  
Pound Cake



**PSH637**  
Chiffon



**PSH304**  
Sugar Cookie

PoshFelt® | 3mm Thickness



**PSH301**  
Tumbleweed



**PSH541**  
Banana Bread



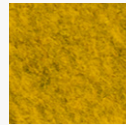
**PSH622**  
Corn



**PSH215**  
Raincoat



**PSH305**  
Dandelion



**PSH216**  
Lion's Den



**PSH015**  
Honey



**PSH217**  
Citrine



**PSH507**  
Hive



**PSH634**  
Amber



**PSH261**  
Pale Ale



**PSH638**  
Sunflower



**PSH295**  
Sunrise Peach



**PSH610**  
Coral



**PSH632**  
Peach



**PSH251**  
Summer Dream



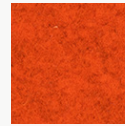
**PSH218**  
Citrus



**PSH532**  
Harvest



**PSH014**  
Knockout Orange



**PSH307**  
Orange Nectar



**PSH633**  
Clementine



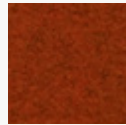
**PSH245**  
Fire Agate



**PSH525**  
Olympus



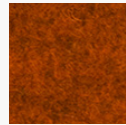
**PSH640**  
Rusted



**PSH528**  
Ferrous



**PSH296**  
Paprika



**PSH220**  
Red Earth



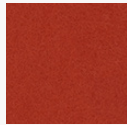
**PSH530**  
Hot Iron



**PSH537**  
Cardinal



**PSH535**  
Guppy



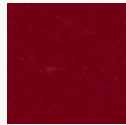
**PSH139**  
Cayenne



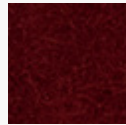
**PSH008**  
Bonfire



**PSH308**  
Scarlet



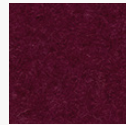
**PSH009**  
Poinsettia



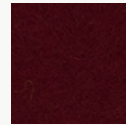
**PSH540**  
Devil's Food



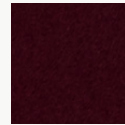
**PSH527**  
Red Velvet



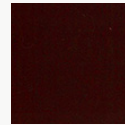
**PSH644**  
Maroon



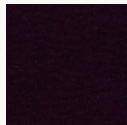
**PSH210**  
Sangria



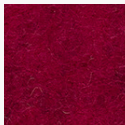
**PSH211**  
Cherry Chutney



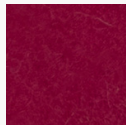
**PSH212**  
Vino



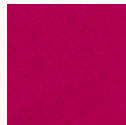
**PSH514**  
Red Wine



**PSH617**  
Evening Gown



**PSH649**  
Pomegranate



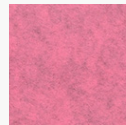
**PSH273**  
Ultraviolet



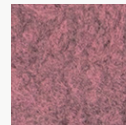
**PSH137**  
Passion Flower



**PSH272**  
Hotwire



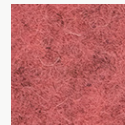
**PSH302**  
Heather Pink



**PSH292**  
Sakura Mist



**PSH202**  
Crush



**PSH560**  
Schiava

PoshFelt® | 3mm Thickness



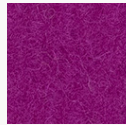
PSH647  
Eden Rose



PSH643  
Rhododendron



PSH559  
Monroe



PSH544  
Dragonfruit



PSH309  
Allium



PSH205  
Mulberry



PSH546  
Tyrian Plum



PSH142  
Plum Purple



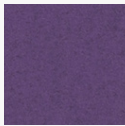
PSH523  
Violet Sky



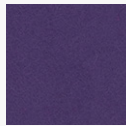
PSH612  
Lilac



PSH286  
Viper



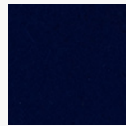
PSH646  
Lupine



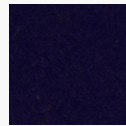
PSH274  
Amethyst



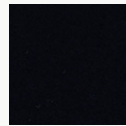
PSH275  
Skyfall



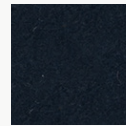
PSH241  
Tranquilo



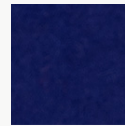
PSH550  
Mariana



PSH277  
Shade



PSH310  
Deep Royal



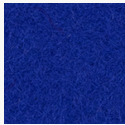
PSH160  
Admiral Blue



PSH561  
Neptune



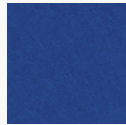
PSH239  
Speckled Navy



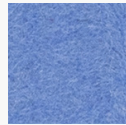
PSH548  
Ultramarine



PSH645  
Space



PSH508  
Oahu



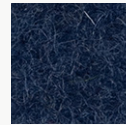
PSH510  
Ozone



PSH615  
Imagine



PSH614  
Blueberry



PSH636  
Navy Blue



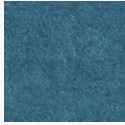
PSH278  
Squid Ink



PSH260  
Twilight



PSH616  
Fountain



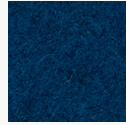
PSH604  
Atlantic



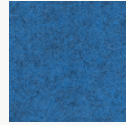
PSH237  
Hotspring



PSH238  
Cobalt



PSH516  
Actun



PSH502  
Pacific



PSH511  
Lagoon



PSH152  
Blue Nile



PSH149  
Jamaica Bay



PSH623  
Steel Gray



PSH648  
Aegean



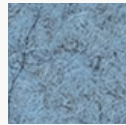
PSH236  
Aquamarine



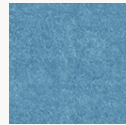
PSH016  
Freshwater



PSH306  
Swell



PSH608  
Diamond Dust



PSH605  
Meander



PSH639  
Glacier



PSH606  
Midday



PSH650  
Waterfall

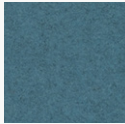


PSH287  
Sea Breeze

PoshFelt® | 3mm Thickness



**PSH628**  
Cozumel



**PSH631**  
Adriatic



**PSH552**  
Cancun



**PSH564**  
Jazz



**PSH517**  
Sky Stone



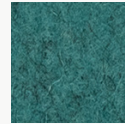
**PSH232**  
Seaglass



**PSH641**  
Basil



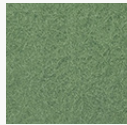
**PSH629**  
Robin's Egg



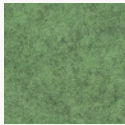
**PSH642**  
Blue Spruce



**PSH618**  
Iguana



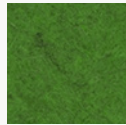
**PSH213**  
Meadow



**PSH303**  
Feather Moss



**PSH619**  
Springtime



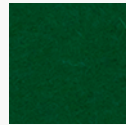
**PSH223**  
Matrix



**PSH164**  
Fresh Lime



**PSH225**  
Everglade



**PSH226**  
Grove



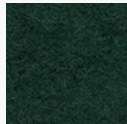
**PSH298**  
Peacock



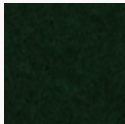
**PSH234**  
Ocean Trench



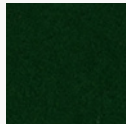
**PSH311**  
Emerald



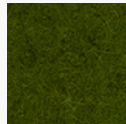
**PSH626**  
Evergreen



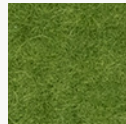
**PSH228**  
Forest Haze



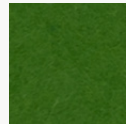
**PSH227**  
Succulent



**PSH563**  
Rosemary



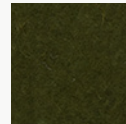
**PSH555**  
Hemlocks



**PSH012**  
Shamrock



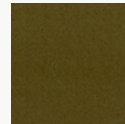
**PSH554**  
Cyber Green



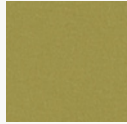
**PSH501**  
Mire



**PSH506**  
Bracken



**PSH312**  
Safari



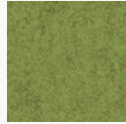
**PSH611**  
Haybale



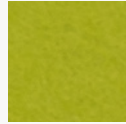
**PSH230**  
Camouflage



**PSH556**  
Avocado

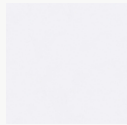


**PSH562**  
Aurora

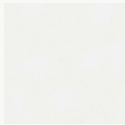


**PSH013**  
Parakeet

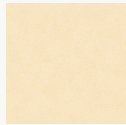
Soundcore® | 1/2" Thickness



**SND019**  
Linen



**SND037**  
Paper



**SND134**  
Oat



**SND135**  
Vanilla Bean



**SND105**  
Sand Dollar



**SND109**  
Macadamia



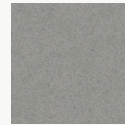
**SND111**  
Lanai



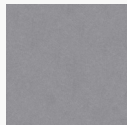
**SND130**  
Buckskin



**SND131**  
Abalone



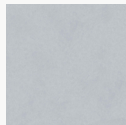
**SND125**  
Chinchilla



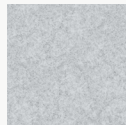
**SND118**  
Anchor



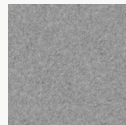
**SND126**  
Wolfhound



**SND110**  
Starry Night



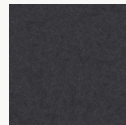
**SND102**  
Morning Fog



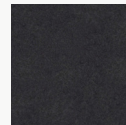
**SND114**  
Lunar Dust



**SND034**  
Granite Peak



**SND132**  
Cast Iron



**SND103**  
Storm Cloud



**SND038**  
Inkwell



**SND122**  
Briquette



**SND127**  
Burnt Toast



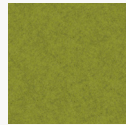
**SND108**  
Ablaze



**SND104**  
Pumpkin



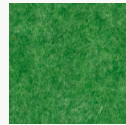
**SND106**  
Goldfinch



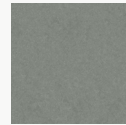
**SND113**  
Gruner



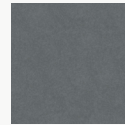
**SND107**  
Grasshopper



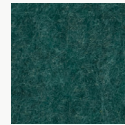
**SND136**  
Clover



**SND129**  
Dried Thyme



**SND115**  
Mako



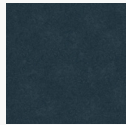
**SND137**  
Cove



**SND112**  
Tulum



**SND121**  
Apatite



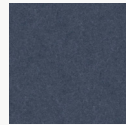
**SND123**  
Chrysocolla



**SND117**  
Serene



**SND124**  
Ice Floe



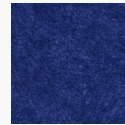
**SND128**  
Arctic Ocean



**SND133**  
Galactic



**SND116**  
Blue Marlin



**SND101**  
Commodore



**SND042**  
Denim

Soundcore® Wood Textures | 1/2" Thickness



**SND716**  
Dark Teak



**SND792**  
Dark Oak



**SND715**  
Dark Cherry



**SND793**  
Vintage Maple



**SND794**  
Warm Teak



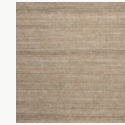
**SND714**  
English Walnut



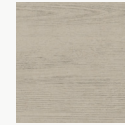
**SND713**  
Honey Walnut



**SND717**  
Warm Oak



**SND790**  
Natural Teak



**SND712**  
Natural Spruce



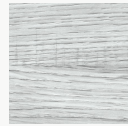
**SND711**  
Bleached Cherry



**SND795**  
Light Teak



**SND709**  
White Maple



**SND791**  
Gray Oak



**SND710**  
Gray Teak