



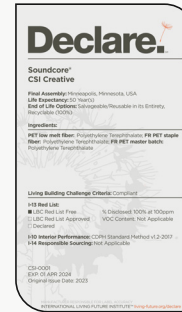
Product Specifications

Product Name	Single Baffles 002
Product ID	BFL-SGL-002
Acoustics	0.40 - 0.85 NRC*
Lead Time	Lead time is dependent on project size. Contact us for more information.
Durability	Contract

Warranty	Comes with industry-leading standard warranty.
Flammability	ASTM E84: Class A
Custom	Custom colors and manufacturing services available. Additional charges and lead times may apply.
Maintenance	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 CSI Creative Maintenance Information document.

Material Specifications

	Soundcore®	PoshFelt®
Content	Recycled PET acoustic felt	100% Merino or Karakul wool acoustic felt
Weathering	Colorfast, non-deteriorating, non-hygroscopic	Colorfast, non-deteriorating, non-woven, moisture resistant
Environmental	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.
Variation	PET felt panels are created through a manufacturing process known as 'felting'. This process results in a heathered appearance. Multiple 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.

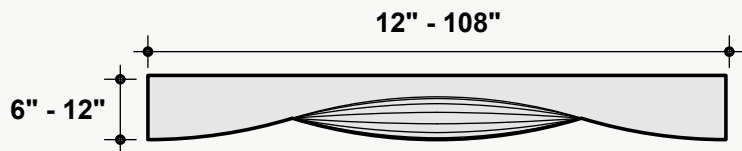


*Approximate. NRC rating may vary due to product dimensions and spacing.

Dimensions

Standard Unit Dimensions

Typical ranges for length and height.

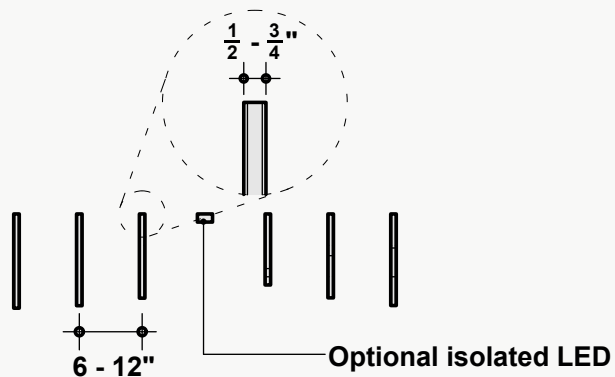


Custom Opportunity

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

Standard Unit Thicknesses

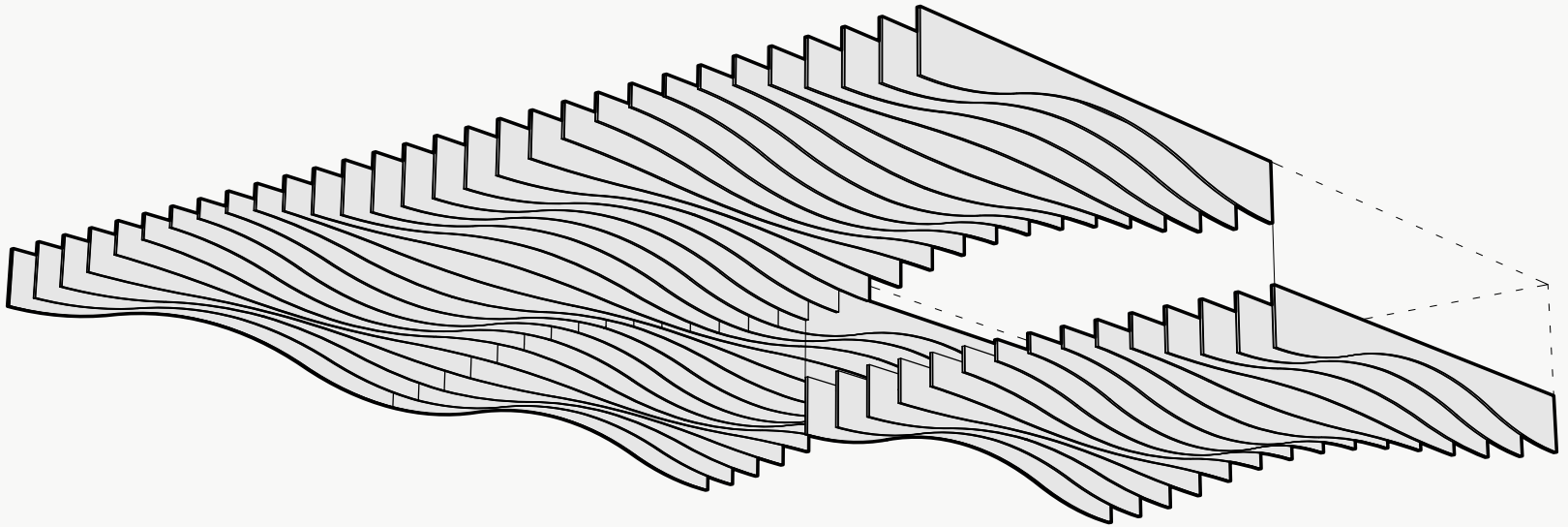
Thickness is dependent on material layer selection.



On-Center Spacing

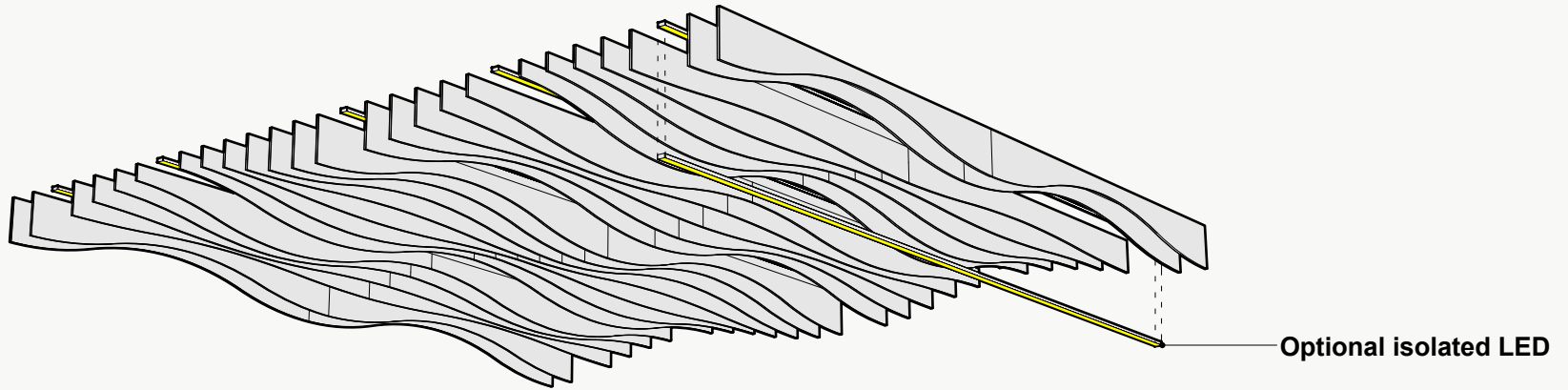
Our standard product spacing is 6"-12" on-center. Acoustic performance of the product improves as spacing is reduced.

Product Details



Lighting Integration Options

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



Lighting Details:

Isolated Linear Lighting

How to Specify

All columns must be completed to process your specification. Contact the CSI Creative Team with any questions.

**Note: Each fixture requires an independent junction box per power drop. Units cannot be connect in series

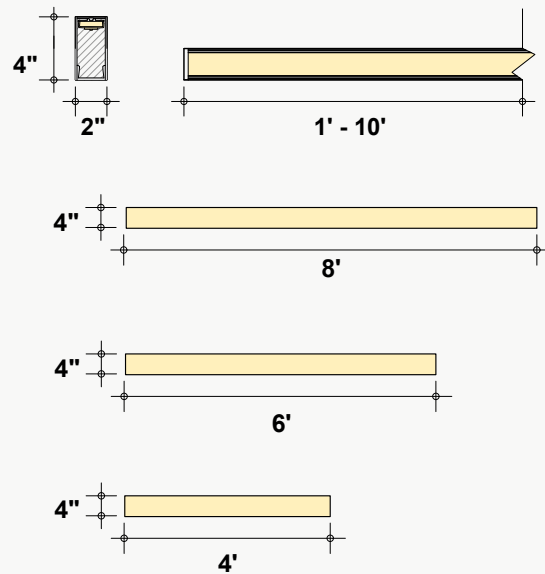
Fixture ID	Performance	Color Temperature	Shielding	Aluminum Coating
CSI Isolated Linear Light	Voltage: 24V CRI: 90+ Dimming: Yes Driver: CSI standard offered driver	<input type="checkbox"/> 2400K <input type="checkbox"/> 2700K <input type="checkbox"/> 3000K <input type="checkbox"/> 3500K <input type="checkbox"/> 4000K	<input type="checkbox"/> ASLMD Acrylic Satin Lens, Medium Diffuse	<input type="checkbox"/> BK Black <input type="checkbox"/> W White <input type="checkbox"/> CCM Custom Color Match

Example Spec:

Fixture: CSI Isolated Linear Light
Output: High - 7W / FT, 2590 LM/FT
Color Temperature: 3500K
CRI: 90+
Dimming: Yes (0 - 10V)
Shielding: ASLMD - Acrylic Satin Lens, Medium Diffuse
Finish: Black (BK)
Oreintation: Downlight

Standard Fixture Dimensions

4' - 6'-8' Lengths offered. Customized Dimensions if needed.



Color Temperature Range

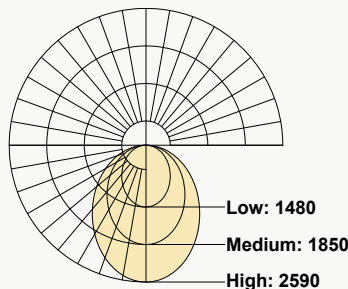
The system integrated a full color temperature range from 2700K to 4000K along with tunable color and dimming options.

Color Temperature:	2700K - 4000K
CRI:	90+
Dimming Options:	EIV, TRIAC, 0-10V

Standard Lumen Outputs

The charts represent distribution of peak lumen output at a standard configuration of 90 CRI and 3500K luminaire. Custom outputs available.

Output	Watts/FT	Lumens/FT
Low	4	1480
Medium	5	1850
High	7	2590



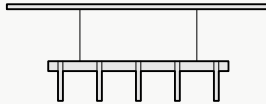
Installation Options

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

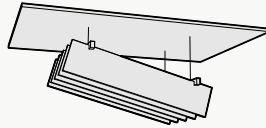
Rail Suspension Advantages

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.

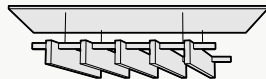
Pre-Defined Spacing



Consistent Angle



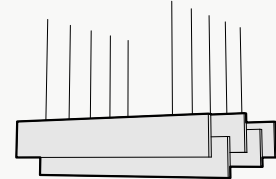
Non-Perpendicular Arrangements



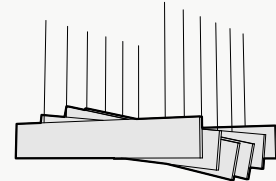
Individual Suspension Advantages

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.

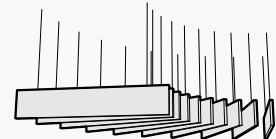
Height Variation



Angle Variation



Non-Linear Arrangements

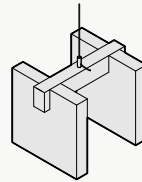


Attachment Methods*

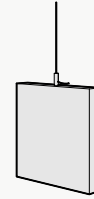
Rail Suspension

Aircraft Cable

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

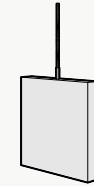
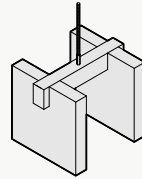


Individual Suspension



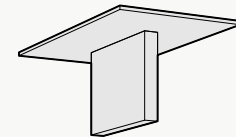
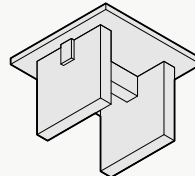
Threaded Rod

- + 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

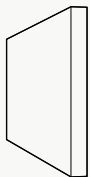


*Not all listed attachment methods may be applicable to this product.

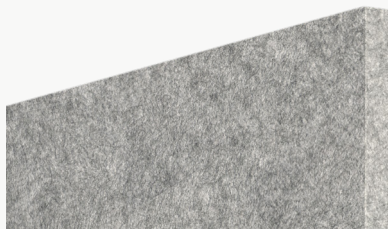
Material Layers

Soundcore®

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

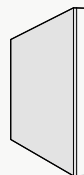


Single Layer
½" Thickness



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.

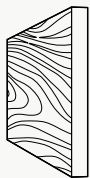


Multi-Layer
Adds ⅛"-¼" to Material Thickness



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.



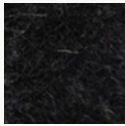
Single Layer
½" Thickness



PoshFelt® | 3mm Thickness



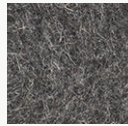
PSH005
Black Beauty



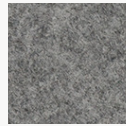
PSH161
Black Swan



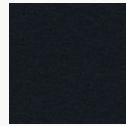
PSH266
Koala



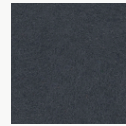
PSH001
Gray Matter



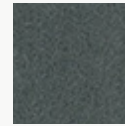
PSH176
Warmstone



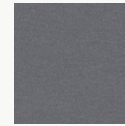
PSH627
Blackberry



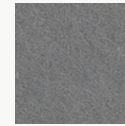
PSH265
Slag



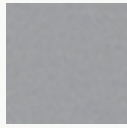
PSH513
Gravel



PSH512
Ash Plum



PSH004
Porpoise



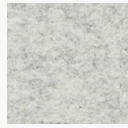
PSH625
Silver Chain



PSH609
Cityscape



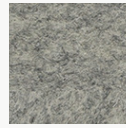
PSH300
Crevasse



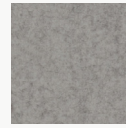
PSH299
Mountain Breeze



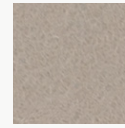
PSH515
Blizzard



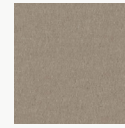
PSH175
Dovetail



PSH624
Dapple Gray



PSH127
Mocha



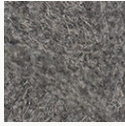
PSH635
Eggshell



PSH178
Fawn



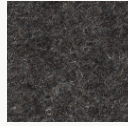
PSH520
Silt



PSH002
Heather



PSH003
Otter



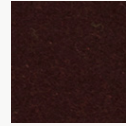
PSH179
Arctic Seal



PSH180
Iron Ore



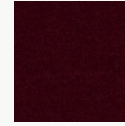
PSH545
Henna



PSH249
French Press



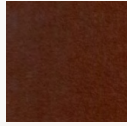
PSH248
Mink



PSH531
Garnet



PSH146
Auburn



PSH521
Cocoa



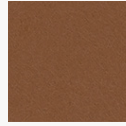
PSH269
Canyon



PSH253
Toffee



PSH602
Cafe



PSH268
Gingerbread



PSH255
Tropical Walnut



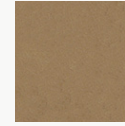
PSH504
Earth



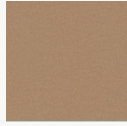
PSH505
Garrigue



PSH503
Savanna



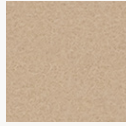
PSH509
Cairo



PSH621
Pan



PSH281
Great Plains



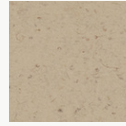
PSH291
Gobi



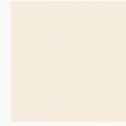
PSH630
Sand Dune



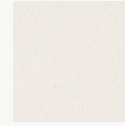
PSH006
Shiitake



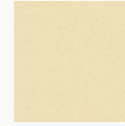
PSH519
Cupcake



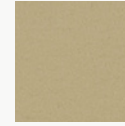
PSH118
Ivory Lace



PSH174
Cotton



PSH293
Pound Cake



PSH637
Chiffon

PoshFelt® | 3mm Thickness



PSH304
Sugar Cookie



PSH301
Tumbleweed



PSH541
Banana Bread



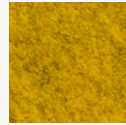
PSH622
Corn



PSH215
Raincoat



PSH305
Dandelion



PSH216
Lion's Den



PSH015
Honey



PSH217
Citrine



PSH507
Hive



PSH634
Amber



PSH261
Pale Ale



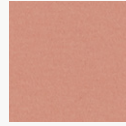
PSH638
Sunflower



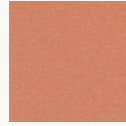
PSH549
Medallion



PSH295
Sunrise Peach



PSH610
Coral



PSH632
Peach



PSH251
Summer Dream



PSH218
Citrus



PSH532
Harvest



PSH014
Knockout Orange



PSH307
Orange Nectar



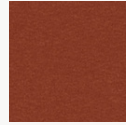
PSH633
Clementine



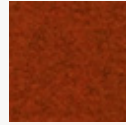
PSH245
Fire Agate



PSH525
Olympus



PSH640
Rusted



PSH528
Ferrous



PSH296
Paprika



PSH220
Red Earth



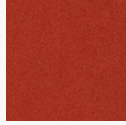
PSH530
Hot Iron



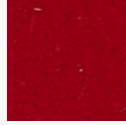
PSH537
Cardinal



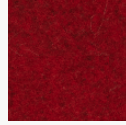
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Guppy



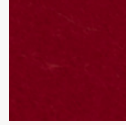
PSH139
Cayenne



PSH008
Bonfire



PSH308
Scarlet



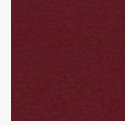
PSH009
Poinsettia



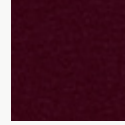
PSH540
Devil's Food



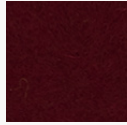
PSH527
Red Velvet



PSH644
Maroon



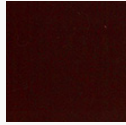
PSH539
Mahogany



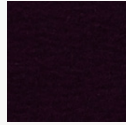
PSH210
Sangria



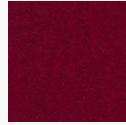
PSH211
Cherry Chutney



PSH212
Vino



PSH514
Red Wine



PSH617
Evening Gown



PSH649
Pomegranate



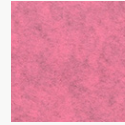
PSH273
Ultraviolet



PSH137
Passion Flower

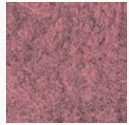


PSH272
Hotwire



PSH302
Heather Pink

PoshFelt® | 3mm Thickness



PSH292
Sakura Mist



PSH202
Crush



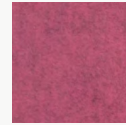
PSH560
Schiava



PS647
Eden Rose



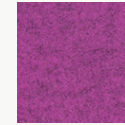
PSH643
Rhododendron



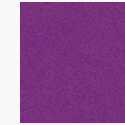
PSH559
Monroe



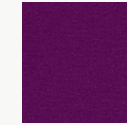
PSH544
Dragonfruit



PSH309
Allium



PSH205
Mulberry



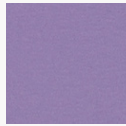
PSH546
Tyrian Plum



PSH142
Plum Purple



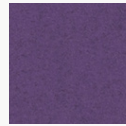
PSH523
Violet Sky



PSH612
Lilac



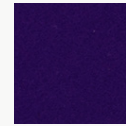
PSH286
Viper



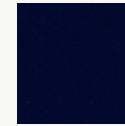
PSH646
Lupine



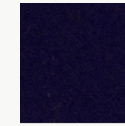
PSH274
Amethyst



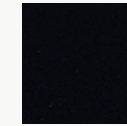
PSH275
Skyfall



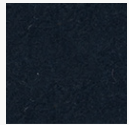
PSH241
Tranquilo



PSH550
Mariana



PSH277
Shade



PSH310
Deep Royal



PSH160
Admiral Blue



PSH561
Neptune



PSH239
Speckled Navy



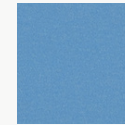
PSH548
Ultramarine



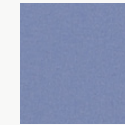
PSH645
Space



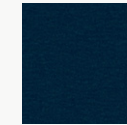
PSH508
Oahu



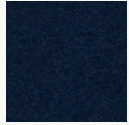
PSH510
Ozone



PSH615
Imagine



PSH614
Blueberry



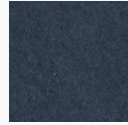
PSH636
Navy Blue



PSH278
Squid Ink



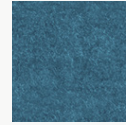
PSH260
Twilight



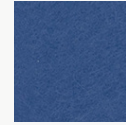
PSH601
Royalty



PSH616
Fountain



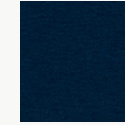
PSH604
Atlantic



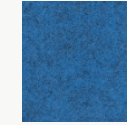
PSH237
Hotspring



PSH238
Cobalt



PSH516
Actun



PSH502
Pacific



PSH511
Lagoon



PSH152
Blue Nile



PSH149
Jamaica Bay



PSH623
Steel Gray



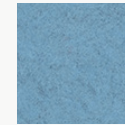
PSH648
Aegean



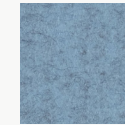
PSH236
Aquamarine



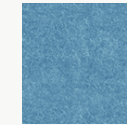
PSH016
Freshwater



PSH306
Swell



PSH608
Diamond Dust



PSH605
Meander

PoshFelt® | 3mm Thickness



PSH639
Glacier



PSH606
Midday



PSH650
Waterfall



PSH287
Sea Breeze



PSH628
Cozumel



PSH631
Adriatic



PSH552
Cancun



PSH564
Jazz



PSH517
Sky Stone



PSH232
Seaglass



PSH641
Basil



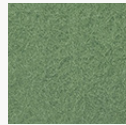
PSH629
Robin's Egg



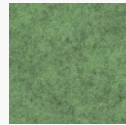
PSH642
Blue Spruce



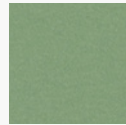
PSH618
Iguana



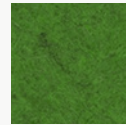
PSH213
Meadow



PSH303
Feather Moss



PSH619
Springtime



PSH223
Matrix



PSH164
Fresh Lime



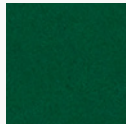
PSH225
Everglade



PSH226
Grove



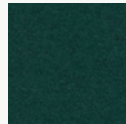
PSH298
Peacock



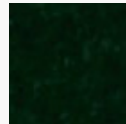
PSH234
Ocean Trench



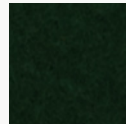
PSH311
Emerald



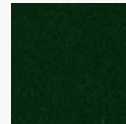
PSH626
Evergreen



PSH553
Conifer



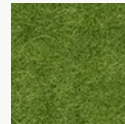
PSH228
Forest Haze



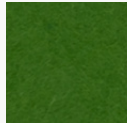
PSH227
Succulent



PSH563
Rosemary



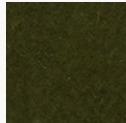
PSH555
Hemlocks



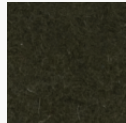
PSH012
Shamrock



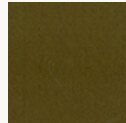
PSH554
Cyber Green



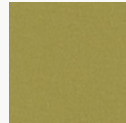
PSH501
Mire



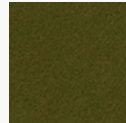
PSH506
Bracken



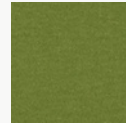
PSH312
Safari



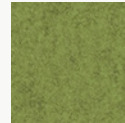
PSH611
Haybale



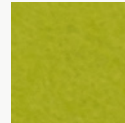
PSH230
Camouflage



PSH556
Avocado

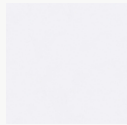


PSH562
Aurora

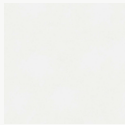


PSH013
Parakeet

Soundcore® | 1/2" Thickness



SND019
Linen



SND037
Paper



SND135
Oat



SND105
Sand Dollar



SND109
Macadamia



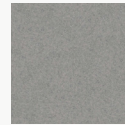
SND111
Lanai



SND130
Buckskin



SND131
Abalone



SND125
Chinchilla



SND118
Anchor



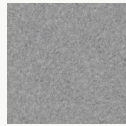
SND126
Wolfhound



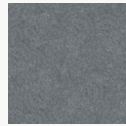
SND110
Starry Night



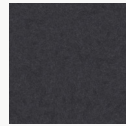
SND102
Morning Fog



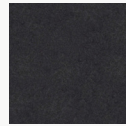
SND114
Lunar Dust



SND034
Granite Peak



SND132
Cast Iron



SND103
Storm Cloud



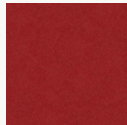
SND038
Inkwell



SND122
Briquette



SND127
Burnt Toast



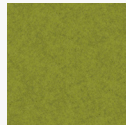
SND108
Ablaze



SND104
Pumpkin



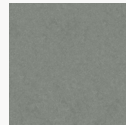
SND106
Goldfinch



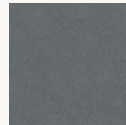
SND113
Gruner



SND107
Grasshopper



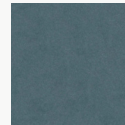
SND129
Dried Thyme



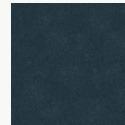
SND115
Mako



SND112
Tulum



SND121
Apatite



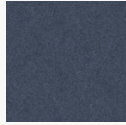
SND123
Chrysocolla



SND117
Serene



SND124
Ice Floe



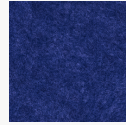
SND128
Arctic Ocean



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



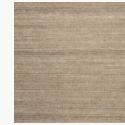
SND714
English Walnut



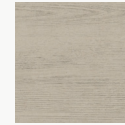
SND713
Honey Walnut



SND717
Warm Oak



SND790
Natural Teak



SND712
Natural Spruce



SND711
Bleached Cherry



SND795
Light Teak



SND709
White Maple



SND791
Gray Oak



SND710
Gray Teak