Index Dimensional

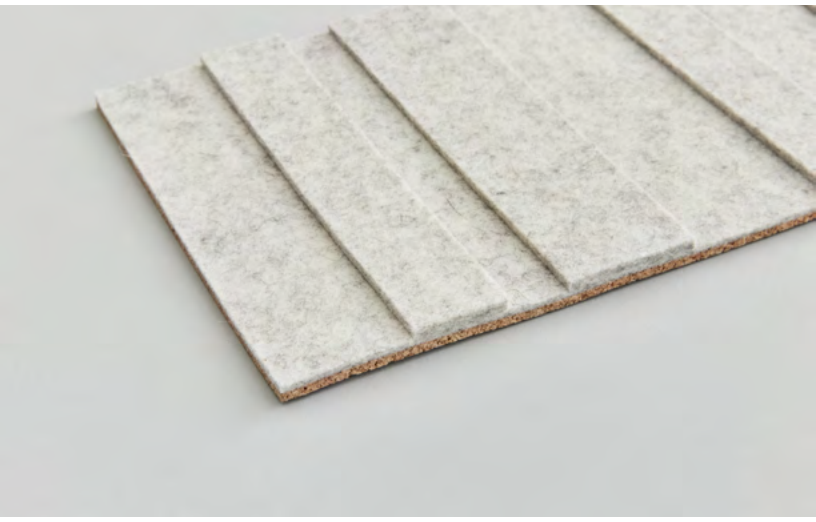
Acoustic Wall Tile

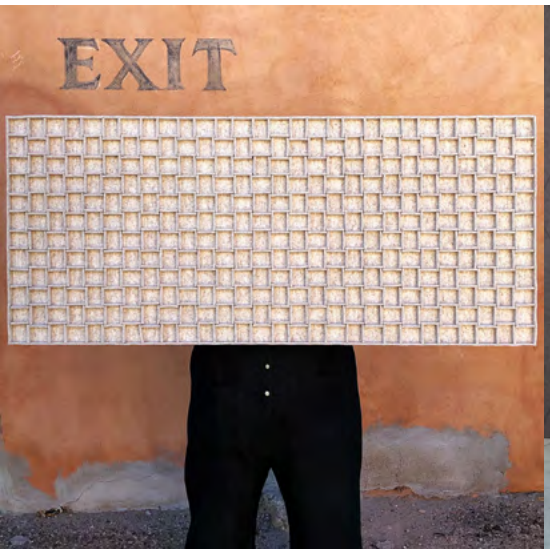
filzfelt

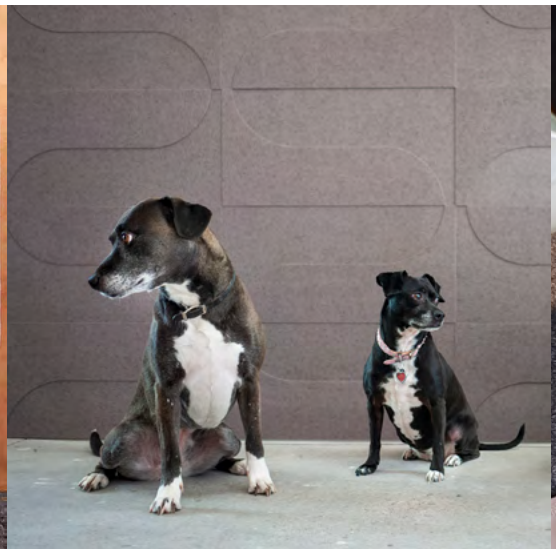
Index Dimensional has a leg up on sound absorption.

Index Dimensional captures light and shadow in a pattern of repeated and staggered rectangles. Combining one-hundred percent wool felt with natural cork composite backing—two materials known for their acoustic properties—this tile-based wallcovering system provides a dynamic effect on the wall. Choose one color to keep the patterning subtle or play up the dimensionality with up to four colors per wall.

Index Dimensional was designed by Submaterial, a design studio and manufacturer based in Albuquerque, New Mexico.

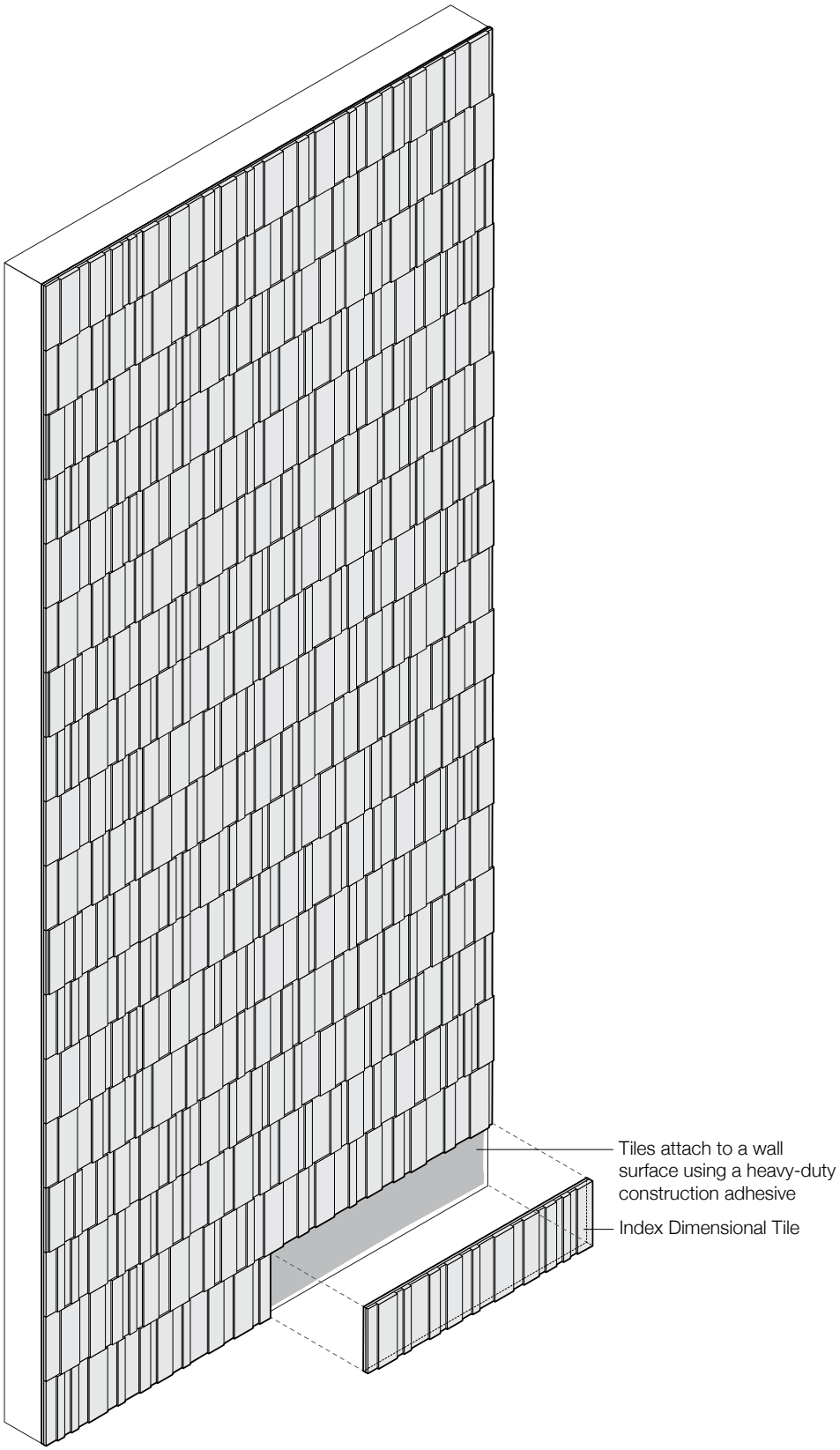






"With many of the surfaces and textures I explore, I believe I am striving to create a balance between simple geometries and complex natural systems. I have always been fascinated by the appearance of randomness, especially when it turns out to be driven by a complex and quite orderly set of rules."

– David Hamlin with Submaterial, designer of Index Dimensional



Exploded Axonometric

Product	Index Dimensional
Designer	Submaterial
Content	100% Wool Design Felt + Cork Composite Backing
Tile Size	2'-0" x 6" (61.0 x 15.2 cm)
Thickness	1/4–5/16 in (6–8 mm)
Colors	1-Color to 2-Color per wall
Stocking Program	Stocking Program colors are available in 1-Color option only and ship within three business days from receipt of valid purchase order, subject to inventory availability and payment terms. Standard Colors are made to order and certain lead times will apply.
Trim Options	End-of-Run Trim Outside Corner Trim
Custom	3-Color or more per wall is available and must be quoted Akustika backing available to achieve NRC rating of 0.60
Durability	Contract or residential
Lead Time	With the exception of Stocking Program Colors, tiles are made to order and certain lead times will apply
Installation	Each order includes four distinct tiles that install in a randomized pattern and attach to a wall surface using a heavy-duty wallcovering adhesive. Tiles may be trimmed to size with a utility knife. Refer to installation instructions for complete guidance.
Maintenance	Vacuum occasionally to remove general air-borne debris. Should soiling occur, spot clean with mild soap and lukewarm water. Avoid aggressive rubbing as this can continue the felting process and change the surface appearance of the felt. Refer to 100% Wool Design Felt Maintenance + Cleaning for detailed care instructions.
Variation	Wool felt is a natural material and color variation and inclusions of natural fiber on the surface are evidence of the 100% natural origin of the material. Since Imprint is constructed with felt strips turned on edge, color variation will be more extreme and is part of the design intent of the product. Shade variation will be very noticeable on the installed product and cannot be more uniform.
Environmental	100% Wool Design Felt is 100% biodegradable/compostable and Cork Composite Backing is 93% pre-consumer recycled content Contains no formaldehyde, low VOC, no chemical irritants, and free of harmful substances Cork composite backing is GREENGUARD-certified Contributes to LEED© Download Declare Label Living Building Challenge Criteria Compliant Oeko-Tex© Standard 100 Certified Product Class II (100% Wool Design Felt) Forest Stewardship Council® Certified (Cork Composite Backing) Meets VOC test limits for the CDPH v1.2 method
Acoustics	Standard Cork Backing: ASTM C 423: NRC – 0.20, SAA – 0.21 Custom Akustika Backing: ASTM C 423: NRC – 0.50, SAA – 0.51
Colorfastness to Light	Class 4–5 (40 hours)
Colorfastness to Crocking	Class 3–4 (wet), Class 4–5 (dry)
Flammability	Test reports available upon request

Colors

Stocking Program Colors

150 Weiß | 160 Beige | 170 Asche | 175 Graphit | 312 Lagune

Standard Colors

487 Pfirsich | 023 Koralle | 945 Drachenfrucht | 221 Himbeere | 136 Weinrot | 209 Bordeaux | 102 Kirsche | 201 Rot

125 Tomate | 179 Hellrot | 180 Terracotta | 173 Mango | 105 Rost | 573 Kupfer | 116 Orange | 495 Abricot

124 Gelb | 131 Honig | 509 Kamel | 550 Ocker | 274 Senf | 108 Zitrone | 403 Mais | 535 Sesam

203 Vanille | 027 Kartause | 384 Lind | 713 Kiwi | 377 Maigrün | 732 Farn | 378 Oliv | 260 Sprießen

156 Loden | 343 D'Grün | 435 Smaragd | 625 Pinie | 248 Jade | 472 Minze | 575 Salbei | 483 Adria

548 Türkis | 345 Pazifik | 308 Petrol | 698 Dunst | 405 Stahl | 215 Meer | 540 Ozean | 533 Indigo

282 D'Blau | 111 Traube | 626 Azur | 647 Kobalt | 686 Enzian | 272 Royal | 286 H'Blau | 995 Wasser

458 Bewölkt | 284 Himmel | 613 Gletscher | 551 Eis | 113 Immergrün | 099 Lila | 667 Amethyst | 242 Pink

640 Granat | 634 Erröten | 671 Pfingstrose | 255 Flieder | 269 Violett | 437 Aubergine | 250 Trüffelbraun | 220 Rehbraun

411 Alpaka | 190 Natur-meliert | 200 Natur | 331 Sahara | 311 Mandel | 467 Sand | 481 Sandstein | 100 Wollweiß

110 Rohweiß | 529 Champagner | 428 Silber | 427 Stein | 021 Beton | 423 Hellgrau | 408 Taupe | 425 Taubengrau

446 Kohle | 300 Anthrazit | 426 Schwarz