

# Scale

Acoustic Wall System

filzfelt •



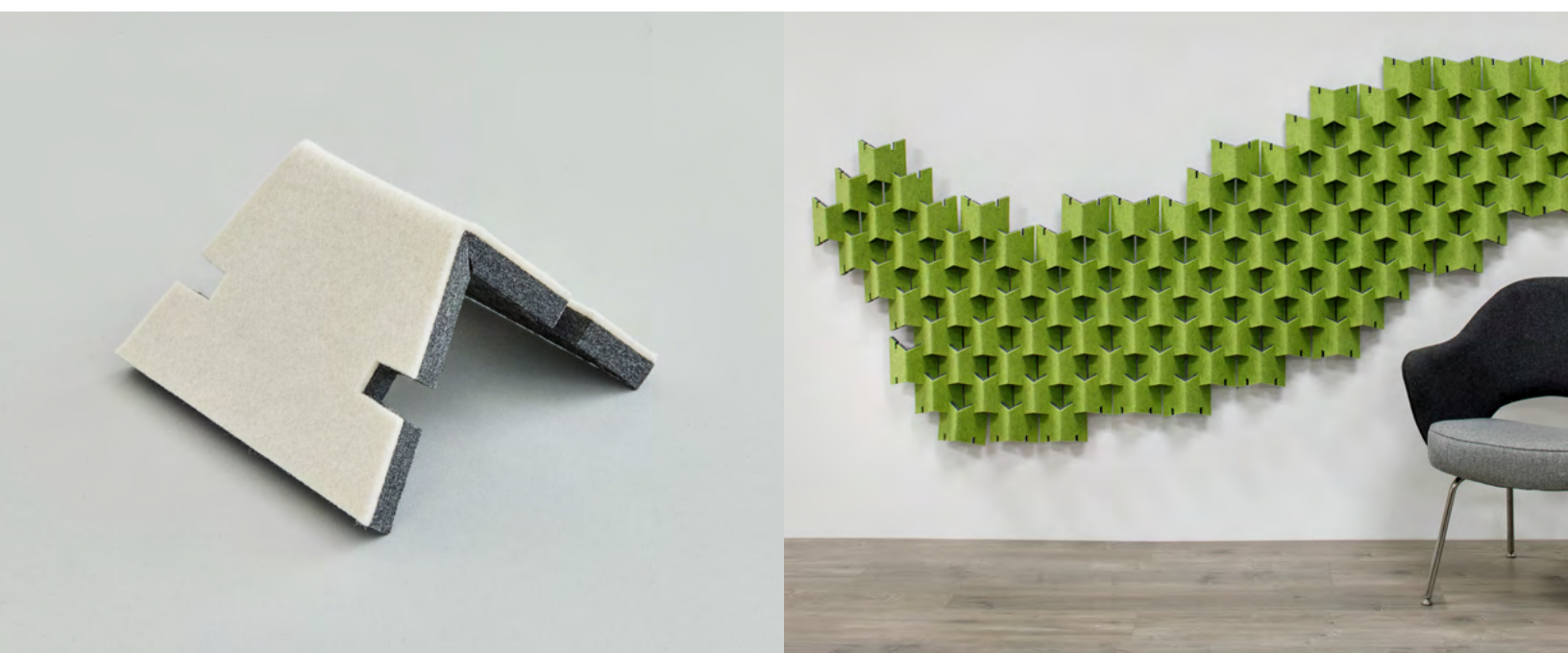
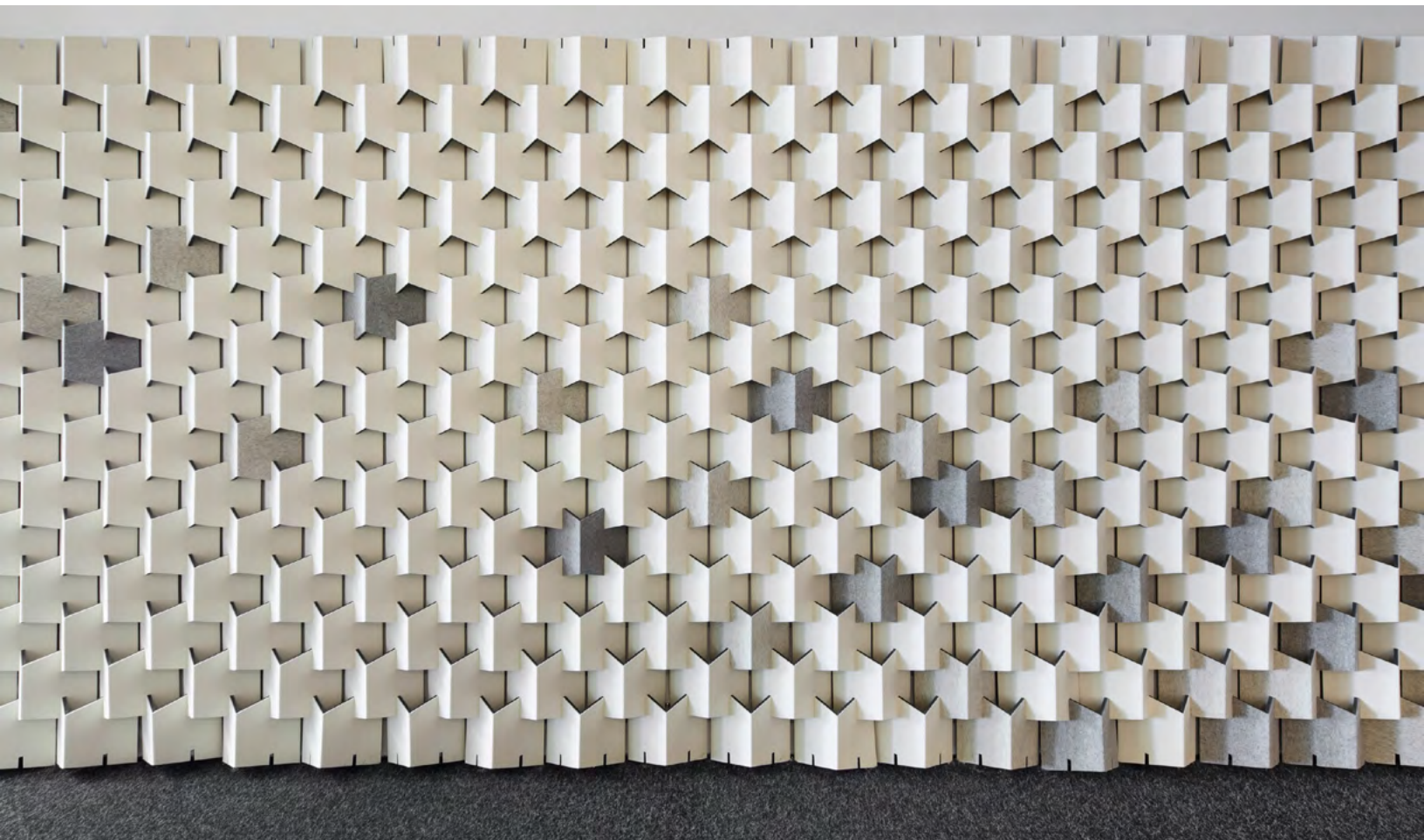


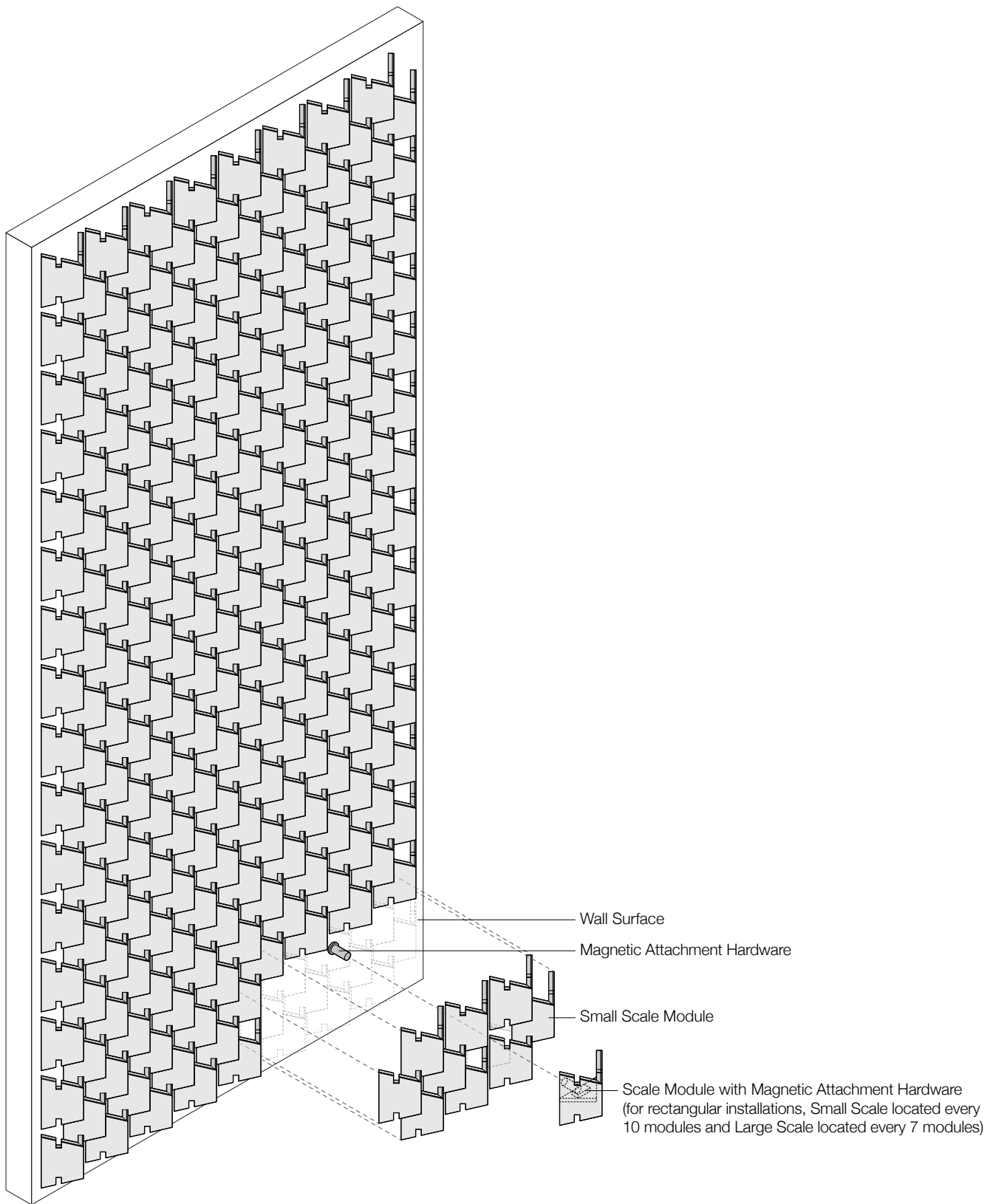
## Scale turns the acoustic wall panel on its ear.

Designed as a university project by Vanessa Busemann and Felix Zebl with German design collective, Cabs Design, this modular wall system is made from cut and folded acoustic fiber composite with 100% wool felt covering. The clever slotted design allows modules to fit together and hold securely with just the friction of the material and mounting to the wall is a snap with magnetic attachment hardware. The acoustically effective, three-dimensional modules come in two sizes plus over ninety colorways of wool felt to create customizable patterning that's not just another pretty face.

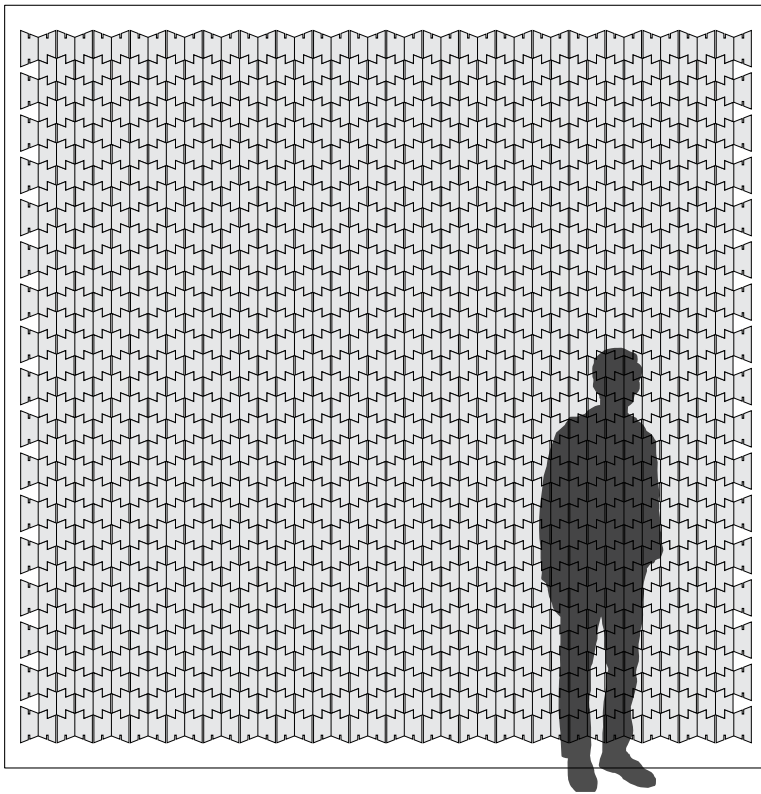
Scale was designed by Vanessa Busemann and Felix Zebl for Cabs Design as part of a project at University of Applied Sciences Mainz in Germany.



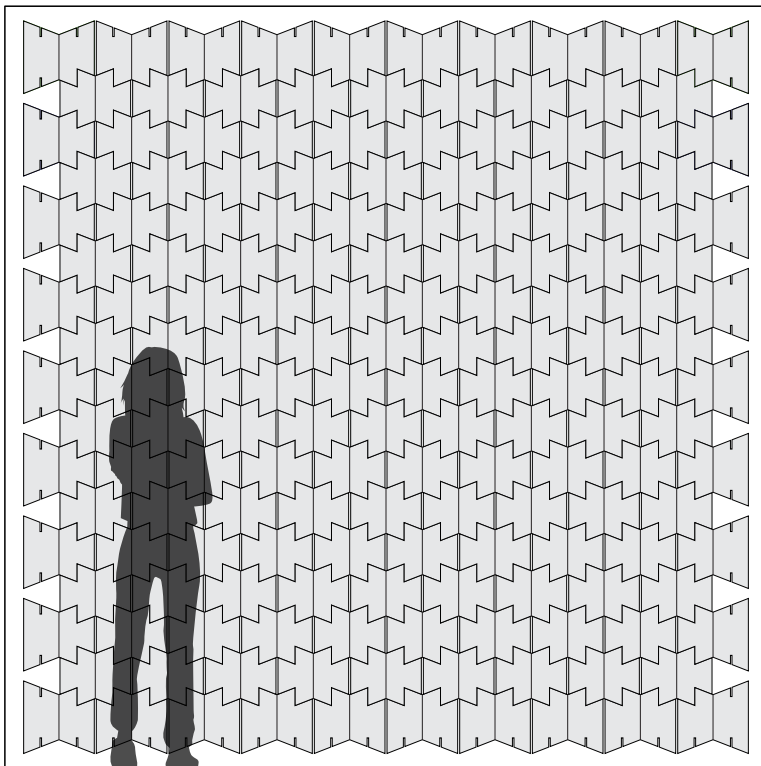




**Exploded Axonometric**



**Small Scale**



**Large Scale**

<b>Product</b>	Scale
<b>Designer</b>	Vanessa Busemann and Felix Zebi for Cabs Design
<b>Content</b>	100% Wool Design Felt + Akustika 10 Substrate (60% post-consumer recycled content)
<b>Module Sizes</b>	Small: 5 1/2" x 5 11/16" (14.0 x 14.5 cm) Large: 11 1/8" x 11 7/16" (28.3 x 29.0 cm)
<b>Thickness</b>	Small: 4 3/4 in (12 cm) (includes magnetic attachment hardware) Large: 6 3/8 in (16.2 cm) (includes magnetic attachment hardware)
<b>Durability</b>	Contract or residential
<b>Lead Time</b>	Made to order and certain lead times will apply
<b>Installation</b>	Install with magnetic attachment hardware provided (wall screens not included). Sufficient hardware will be provided for square or rectangular shapes and additional hardware is available for purchase for irregular or asymmetric shapes. Cotter Pins are available for purchase to reinforce connection and ceiling installations must be quoted. Refer to Scale Installation Instructions for complete guidance.
<b>Maintenance</b>	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.
<b>Variation</b>	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. Product color is only indicative, as it is not possible to assure consistency of color in a natural product due to the natural color of raw wool and absorption of dyes. Color matching cannot be guaranteed on shipments and variation will be more pronounced beyond the normal commercial range.
<b>Environmental</b>	100% Wool Design Felt is 100% biodegradable/compostable and Akustika 10 contains minimum 60% post-consumer recycled content and is 100% recyclable Contains no formaldehyde, 100% VOC free, no chemical irritants, and free of harmful substances 100% Wool Design Felt and Akustika 10 contribute to LEED® Download Declare Label Living Building Challenge Criteria Compliant Oeko-Tex® Standard 100 Certified Product Class II (100% Wool Design Felt + Akustika 10 Substrate) Meets VOC test limits for the CDPH v1.2 method
<b>Acoustics</b>	Small Scale: ASTM C 423: NRC – 0.70, SAA – 0.70 Large Scale: ASTM C 423: NRC – 0.75, SAA – 0.75
<b>Colorfastness to Light</b>	Class 4–5 (40 hours)
<b>Colorfastness to Crocking</b>	Class 3–4 (wet), Class 4–5 (dry)
<b>Flammability</b>	Test reports available upon request



# Standard Colors

## 100% Wool Design Felt

							
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
							
343 D'Grün	435 Smaragd	625 Pinie	248 Jade	472 Minze	575 Salbei	483 Adria	548 Türkis
							
312 Lagune	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	269 Violett
							
242 Pink	640 Granat	634 Erröten	671 Pfingstrose	255 Flieder	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	160 Beige	529 Champagner	150 Weiß	428 Silber	427 Stein	021 Beton	170 Asche
							
423 Hellgrau	408 Taupe	175 Graphit	425 Taubengrau	446 Kohle	300 Anthrazit	426 Schwarz	

## Akustika 10 Substrate

		
05 Ice	02 Medium Grey	03 Dark Grey