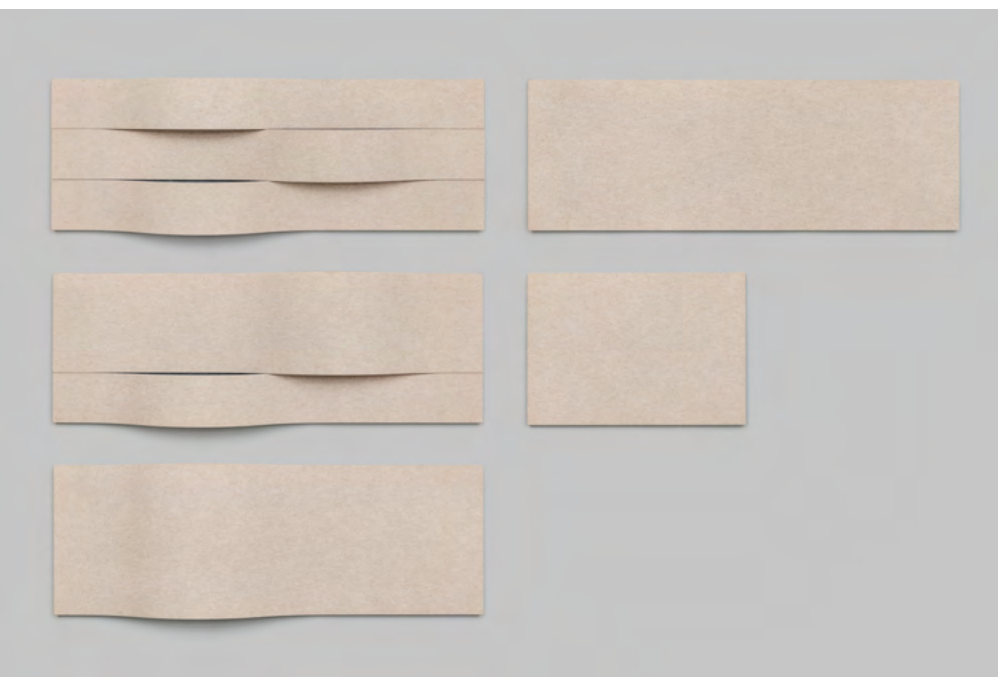# Arc
Acoustic Wall Panel

filzfelt

Arc is an acoustic wall system sure to make some waves.

Arc features curves born out of nature but with its feet firmly planted in modern technology. This acoustic panel system ripples across the wall with subtle waves of soft wool felt mounted to a thin but mighty acoustic substrate. One standard panel size (with a half size thrown in) comes in five designs to allow endless pattern options. And the large panel size and Z-Clip mounting means that installations go up in a flash.
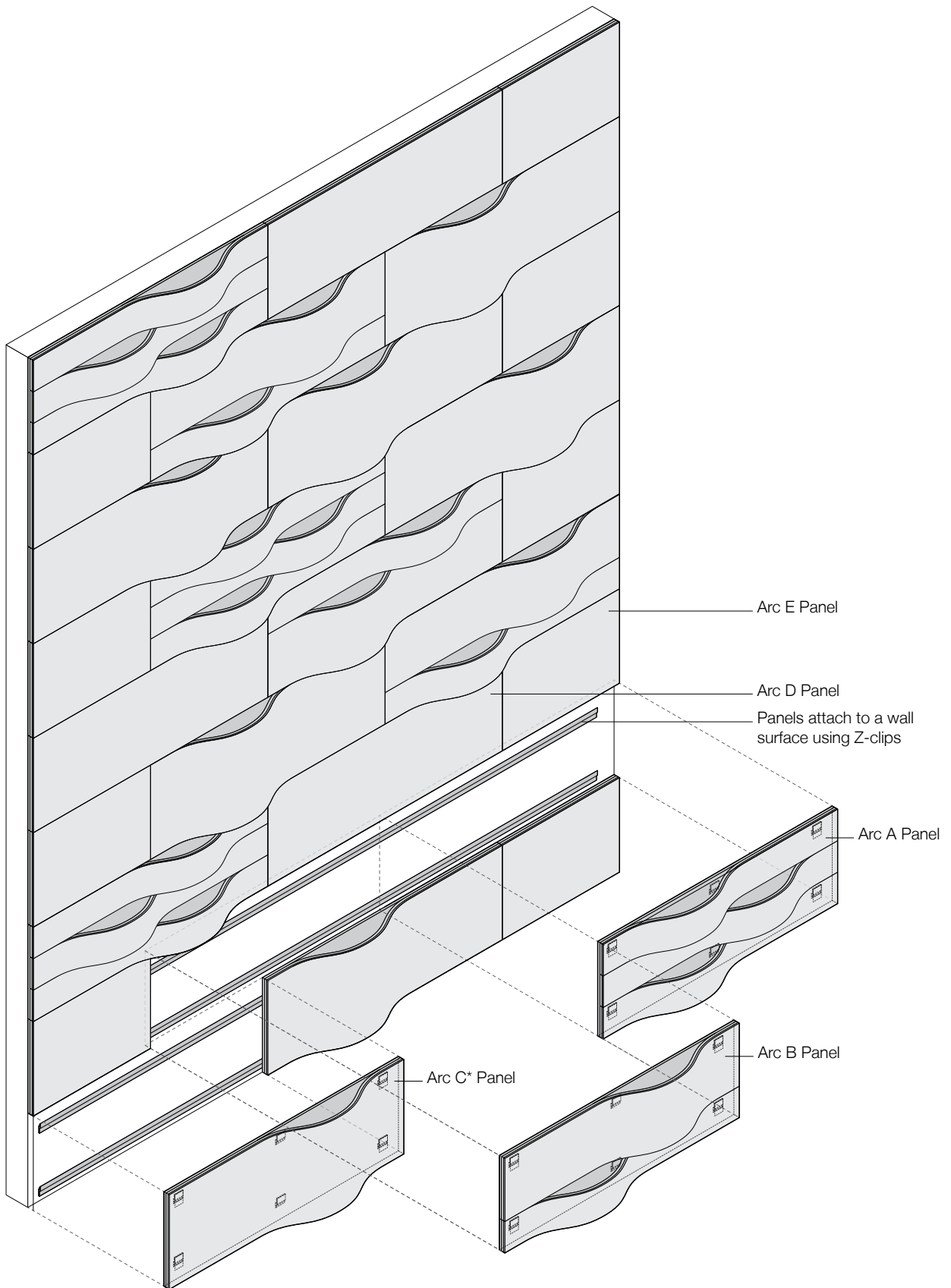
Arc was designed by Bernd Benninghoff, a furniture designer and interior architect based in Mainz, Germany.
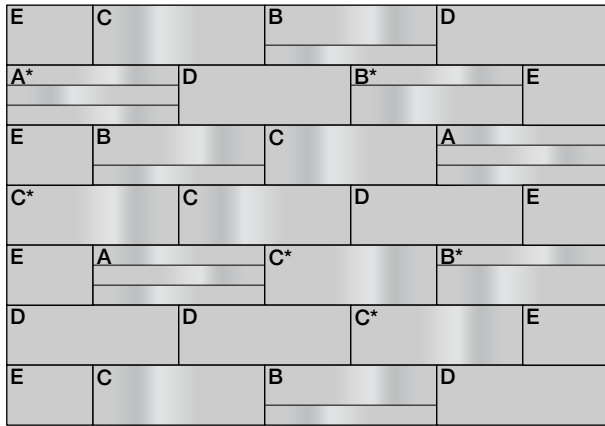
"I'm always interested in structures with depth and three-dimensionality that can be experienced both visually and physically. The surface of Arc plays with light and shadow and comes alive with the movement and change of light."

– Bernd Benninghoff, designer of Arc

filzfelt •

Arc E Panel

Arc D Panel

Panels attach to a wall
surface using Z-clips

Arc A Panel

Arc B Panel

Arc C* Panel

Exploded Axonometric
* Indicates Module Rotated 180°

Pattern 1

E	C		B		D	
A*		D		B*		E
E	B		C		A	
C*		C		D		E
E	A		C*		B*	
D		D		C*		E
E	C		B		D	

Pattern 1
* Indicates Module Rotated 180º
Pattern shown is a portion of a larger pattern
Code: FF-ARC-001

Pattern 2

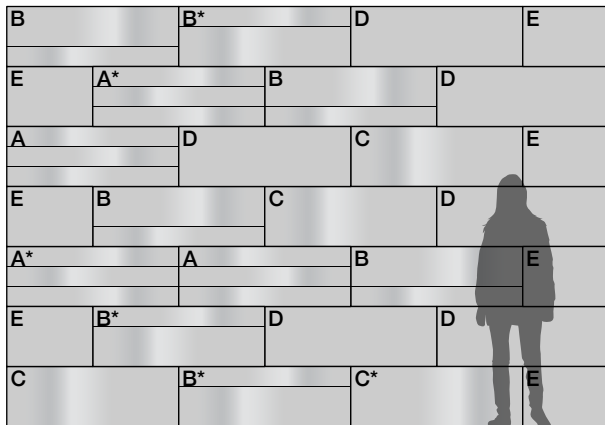| E | A | | C* | | B* | |
B*		A*		C*		E
E	C		B		A	
C*		B*		B		E
E	A		C*		B*	
B*		A*		C*		E
E	C		B		A	

Pattern 2
* Indicates Module Rotated 180º
Pattern shown omits Arc D (flat panel) for a denser wave effect and is a
portion of a larger pattern
Code: FF-ARC-002

Pattern 3

B		B*		D		E
E	A*		B		D	
A		D		C		E
E	B		C		D	
A*		A		B		E
E	B*		D		D	
C		B*		C*		E

Pattern 3
* Indicates Module Rotated 180º
Pattern creates a gradient by gradually increasing the number of Arc D (flat
panels) and is a portion of a larger pattern—refer to page 2 for full pattern
Code: FF-ARC-003

Patterns are shown as suggested installations and may be configured with any combination of FilzFelt colors
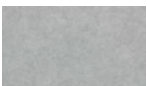
Product	Arc
Designer	Bernd Benninghoff
Content	100% Wool Design Felt + Akustika 10 Substrate (60% post-consumer recycled content)
Panel Sizes	A: 3'-7" x 1'-3" (109.2 x 38.1 cm) B: 3'-7" x 1'-3" (109.2 x 38.1 cm) C: 3'-7" x 1'-3" (109.2 x 38.1 cm) D: 3'-7" x 1'-3" (109.2 x 38.1 cm) E: 1'-9 1/2" x 1'-3" (54.6 x 38.1 cm)
Thickness	A: 4 3/8 in (11.0 cm) B: 4 3/8 in (11.0 cm) C: 4 3/8 in (11.0 cm) D: 1 1/8" (2.9 cm) E: 1 1/8" (2.9 cm) (includes Z-Clips)
Thickness Tolerance	±1/16 in (2 mm)
Edges	Chamfered
Colors	1-Color or 2-Color per wall
Custom	2- to 3-Color per Panel and 3-Color or more per wall must be quoted
Durability	Contract or residential
Lead Time	Made to order and certain lead times will apply
Installation	Install in the pattern as specified and attach to a wall surface with Z-Clips provided (wall screws not included). Refer to Arc 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. 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.
Environmental	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
Acoustics	ASTM C 423: NRC – 0.85, SAA – 0.83
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

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