

VANK

PANEL

Funky Acoustic Interior Objects

Sustainable design doesn't mean giving up the joy of creation - it's a launchpad for creativity. Join the movement !

VANK



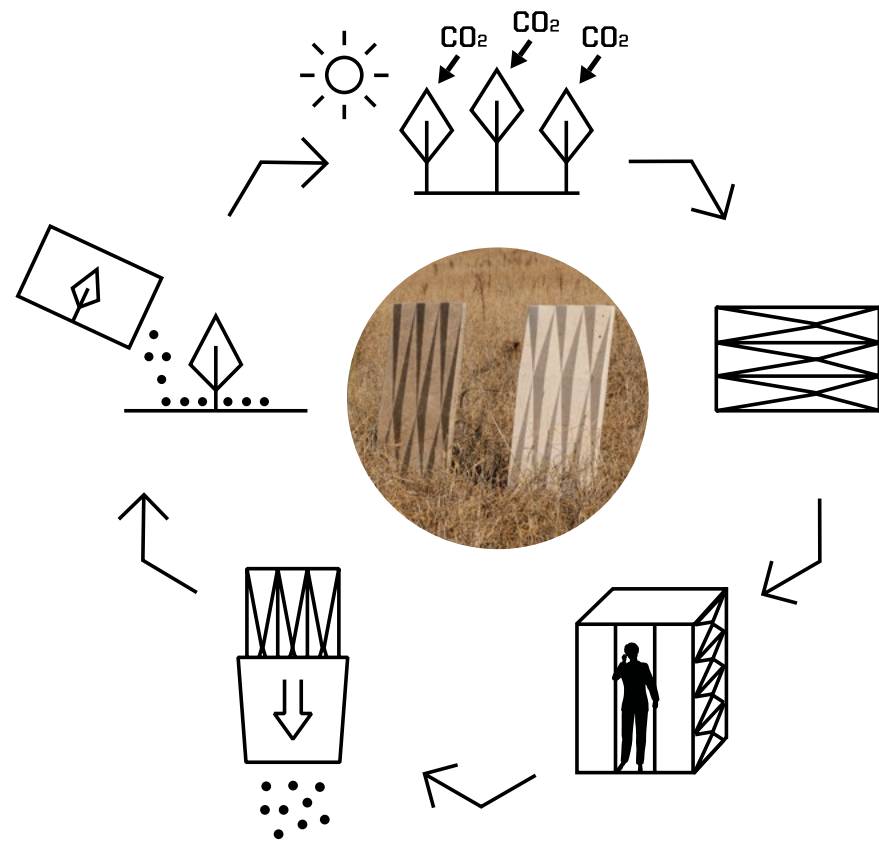
VANK_PANEL is a collection of acoustic panels with top-tier sound absorption performance (Class A), made from sustainable BIO-based fibers or recycled rPET. The panels can optionally be upholstered in a wide range of fabrics and colors. This collection enables the creation of custom wall compositions or striking acoustic art pieces.

Design: Anna Vonhausen, PhD (DIAMOND, WAVE), **Mili Młodzi Ludzie** (ELLIPSE and COLUMN) , **Bidermann+Wide** (BRICKS)



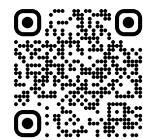
VANK's three-dimensional acoustic panels can be freely configured by designers, allowing for creative spatial design in offices, public spaces, hotels, and residential interiors. Increasing the amount of sound-absorbing surfaces is especially important in modern interiors dominated by hard materials such as concrete and glass.

Innovative material VANK_BIO



The first material used in the manufacturing of VANK acoustic panels is a biocomposite based on fast-growing fibrous plants, i.e. flax and hemp. These plants absorb CO₂ from the atmosphere during the rapid growth phase of their annual cycle and convert it into biomass through photosynthesis.

The plants used to produce bio-fibres do not require fertilisation or much nurturing — and consume little water. Also, they don't compete with food production because the panels are made from fibre waste material, which can further be composted and make it to a CO₂-neutral biological cycle.



< [Watch the video](#)



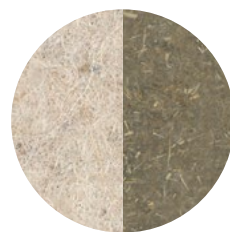
NATURAL FIBRES

fibres from fast-growing plants such as flax and hemp, characterized by an exceptionally negative carbon footprint: from -1.3 to -1.6 kg CO₂ e/kg.



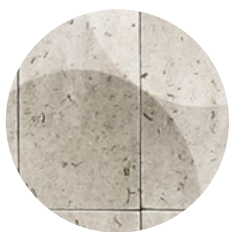
BIO-COMPOSITE

the incorporation of natural-origin (including corn-based) polymers in the manufacturing process results in a ready-to-form material



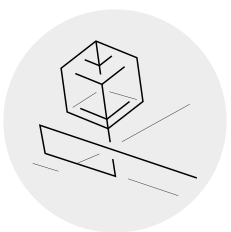
BIO-PANELS

VANK's technology produces 3D shapes that guarantee reduced reverberation and room noise

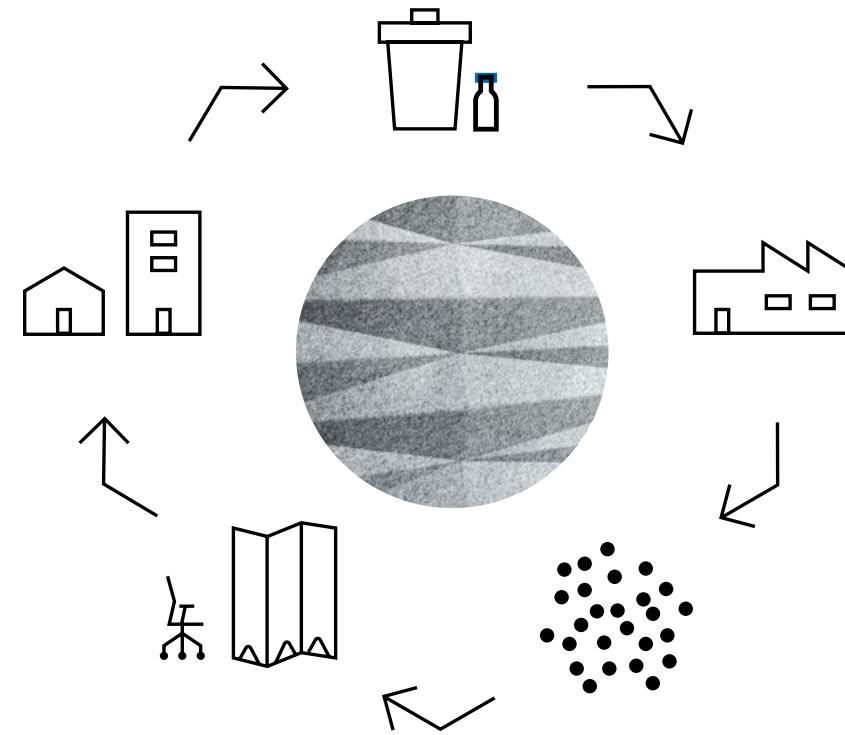


BIODEGRADATION

After use, VANK_BIO panels can be disposed of through industrial composting.



Recycled material VANK_rPET



The second material featured in VANK acoustic panels is rPET non-woven fabric. This material, which is the result of the recycling of plastics — such as PET bottles, is reused to produce non-woven acoustic material, which is then moulded and formed into 3D VANK acoustic panels.



POST-CONSUMER MATERIALS

post-consumer recycled materials are sourced from bottles and floor coverings



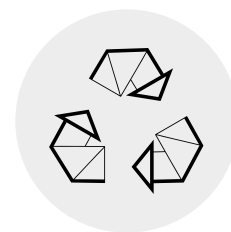
POLYESTER FIBRE

polyester fibres are obtained in the shredding process



rPET PANELS

VANK's technology produces 3D shapes that guarantee reduced reverberation and room noise



RECYCLING

VANK_rPET panels can be recycled again after their useful life



Concordia Design, Poznań, design: Bidermann+Wide, photo: Mateusz Gzik



Cundall, Birmingham UK, design: Cundall and Office Principles, photo: Office Principles

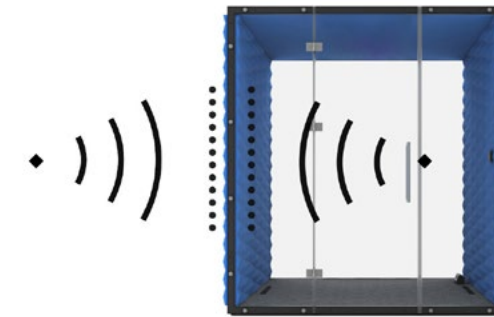


The panels are available in either BIO or rPET material and can also be upholstered in a rich palette of fabrics. Six distinct 3D forms – **DIAMOND, WAVE, FLAT, ELLIPSE, COLUMN and BRICKS** – make it possible to create geometric and visually striking acoustic compositions.



Highest acoustic parameters

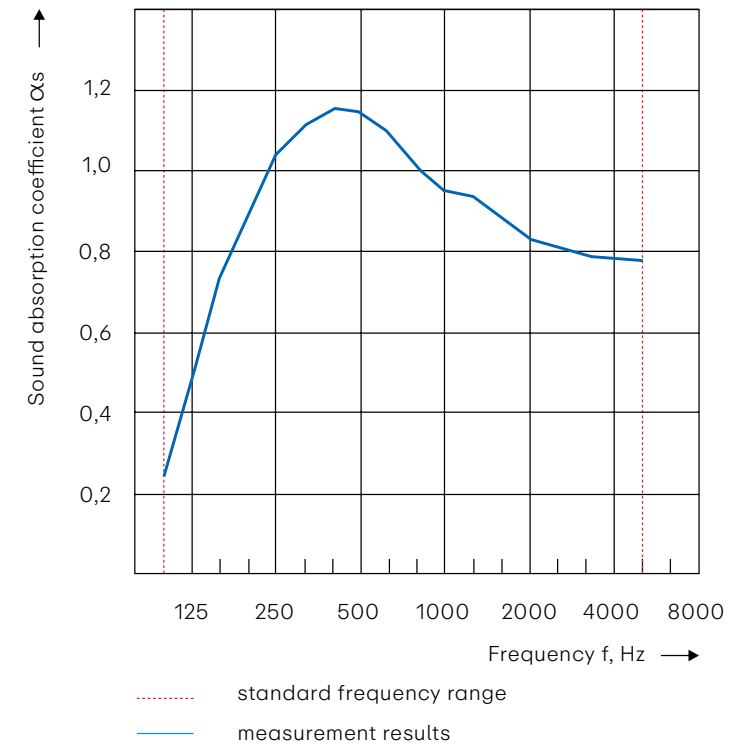
VANK_WALL PANELS
ABSORPTION



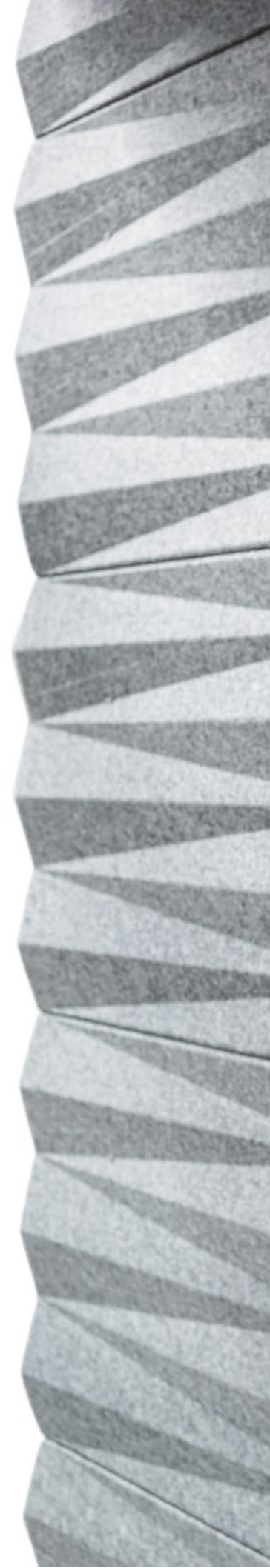
$$\alpha_w = 0.90$$

The three-dimensional structure of the VANK_PANEL promotes sound wave diffusion and offers high acoustic absorption with a coefficient of $\alpha_w = 0.90$. When used in sufficient quantity, VANK panels effectively reduce reverberation, enhancing the acoustic comfort of interior spaces.

With a sound absorption coefficient of 0.90 according to ISO 354:2005, VANK_PANEL qualifies as a Class A sound-absorbing material.



A chart illustrating VANK_WALL's sound absorption properties in a reverberation chamber according to PN-EN ISO 354:2005





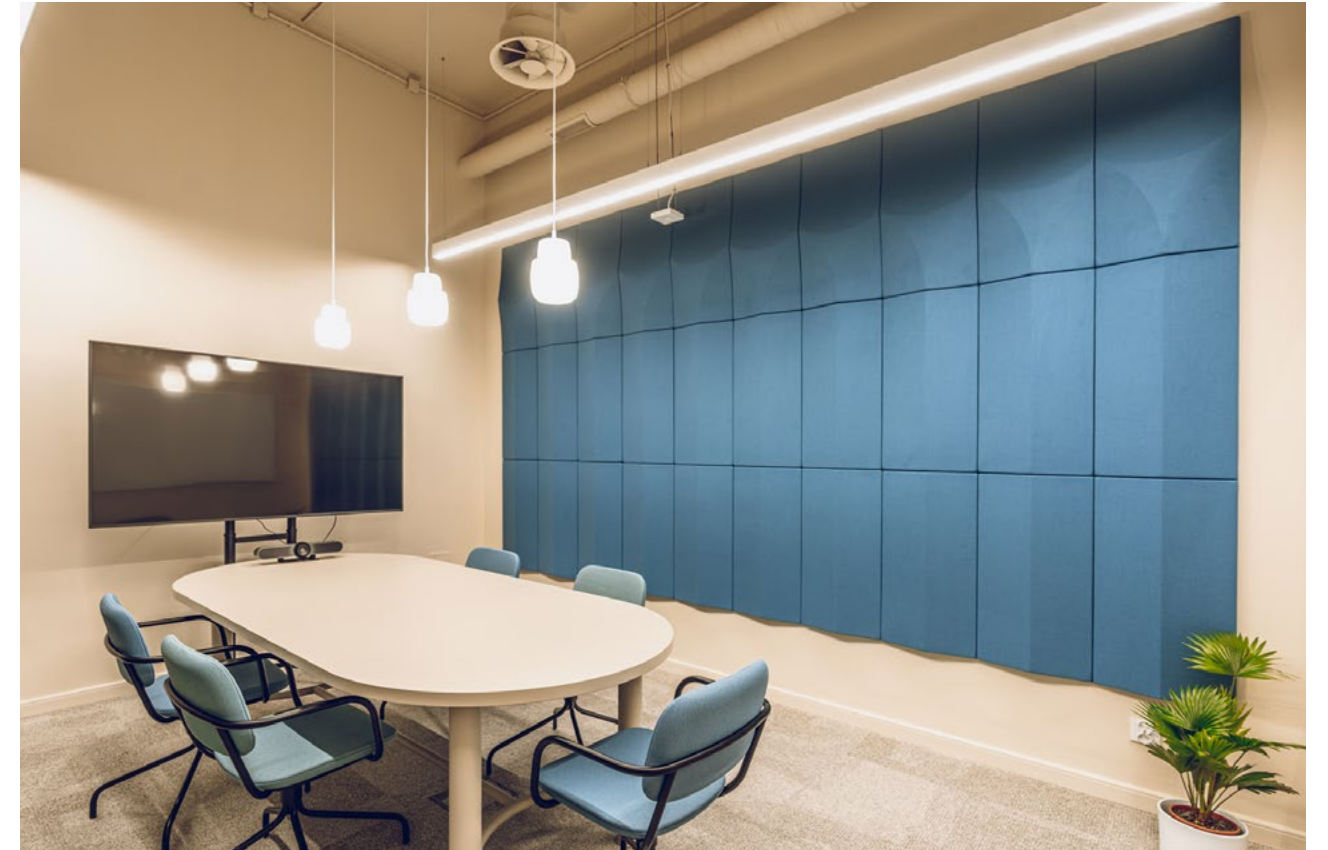
BRICKS acoustic panels take their name and shape from classic bricks – the fundamental building blocks of space. Their bold, three-dimensional pattern gives any wall a distinctive, architectural look while providing a large sound-absorbing surface. The result is a noticeable improvement in room acoustics and overall acoustic comfort.



VANK_PANEL is a collection that invites architects and interior designers to explore form and color – to craft original and unconventional acoustic artworks. The collection is complemented by desk dividers that carry over the same materials and color accents into workstations.



Consulting company (Big Four), Oslo, design: Zinc interior architects, photo: Thomas Mellbye (Zinc)



Concordia Design, Poznań, design: Bidermann+Wide, photo: Mateusz Gzik



Ørsted, Warsaw, design: Workplace, photo: Zofia Kurzych, Tomasz Czuban

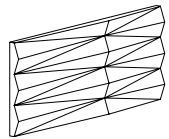
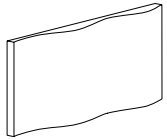
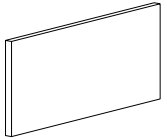
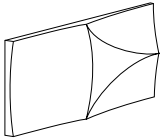
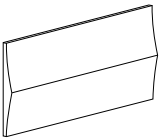
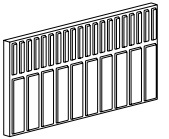


Technology company, Warsaw, design: Interiors, photo: Piotr Krajewski

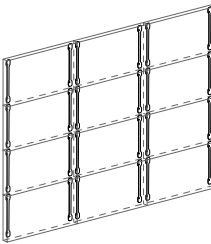
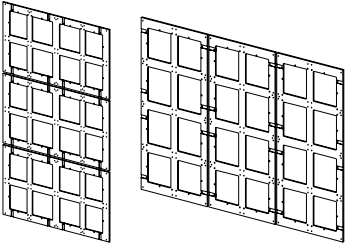


Wide range of models

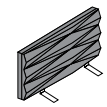
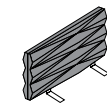
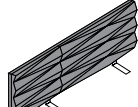
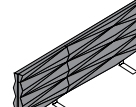
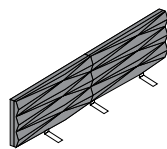
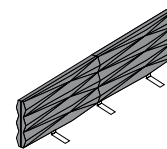
6 panel shapes

DIAMOND		WAVE		FLAT		ELLIPSE-GLOBE/LENS		ELLIPSE-COLUMN		BRICKS	
											
VW 008040 - DIA		VW 008040 - WAV		VW 008040 - FLT		VW 008040 - GLB		VW 008040 - COL		VW 008040 - BRI	
dimensions	overall	dimensions	overall	dimensions	overall	dimensions	overall	dimensions	overall	dimensions	overall
height	40	height	40	height	40	height	40	height	40	height	40
depth	4	depth	5	depth	4	depth	7	depth	7	depth	4
width	80	width	80	width	80	width	80	width	80	width	80

Supporting elements for wall mounting (optional for easier assembly)

<p>M-MAG Magnetic set (steel plates mounted to the wall, in the corners of the panels magnets instead of clips)</p> 	<p>FRAME Background for an acoustic art panel (to be hung vertically or horizontally)</p> 
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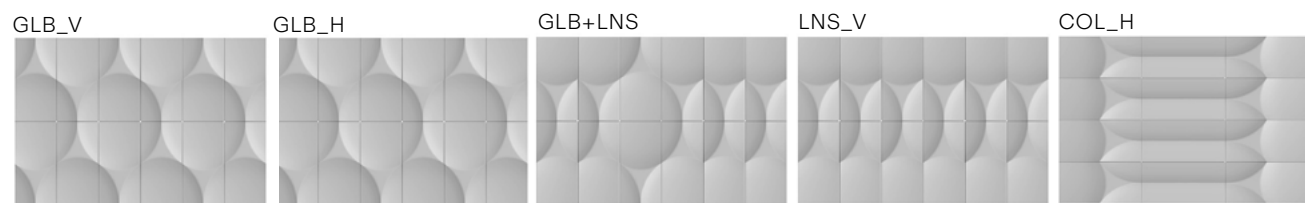
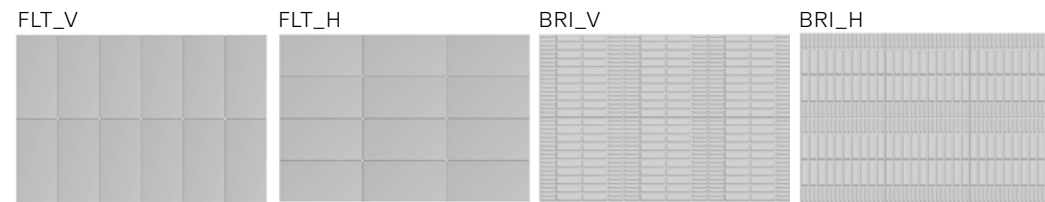
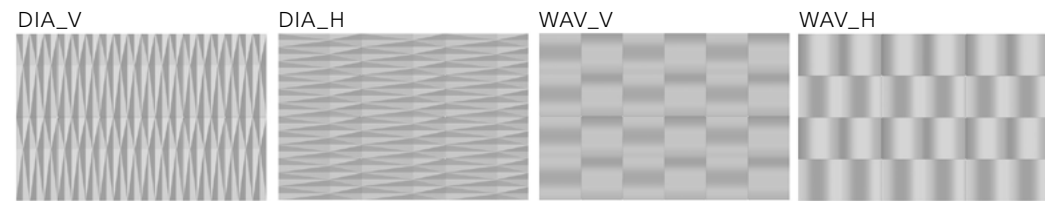
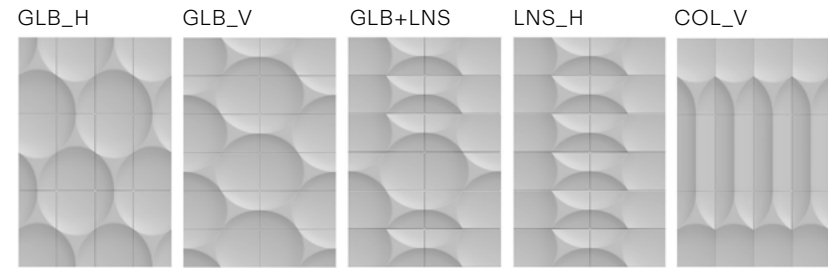
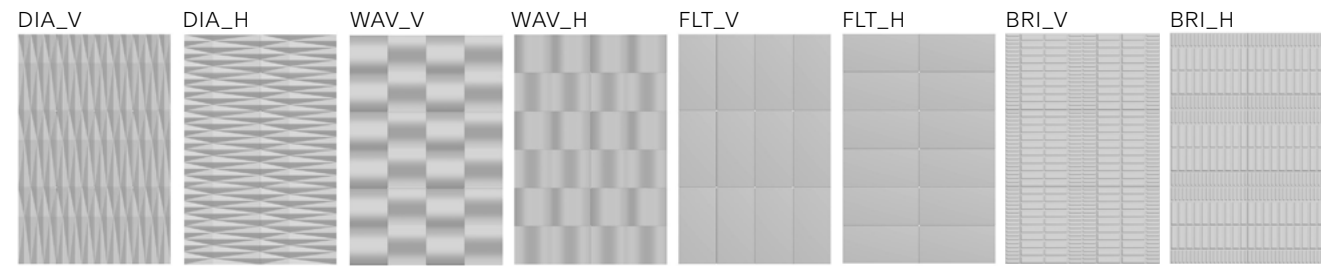
Desk-divider panels

							
VW 008070	VW 008080	VW 012070	VW 012080				
dimensions	overall	dimensions	overall	dimensions	overall	dimensions	overall
height	40	height	40	height	40	height	40
depth*	6-9	depth*	9-15	depth*	6-9	depth*	9-15
width	80	width	80	width	120	width	120
							
VW 016070	VW 016080						
dimensions	overall	dimensions	overall				
height	40	height	40				
depth*	6-9	depth*	9-15				
width	160	width	160				

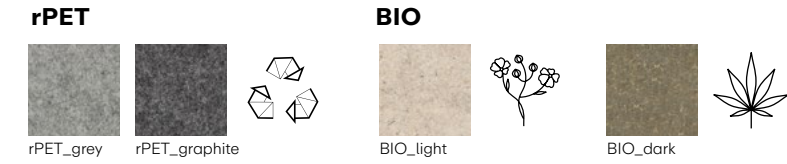
*Available with DIAMOND, WAVE, FLAT, and ELLIPSE panels

VANK acoustic panels can be mounted individually using a magnetic system as decorative wall elements or installed on preassembled backing boards for acoustic artworks in sizes 160x240 cm or 240x160 cm, with options for vertical or horizontal orientation.

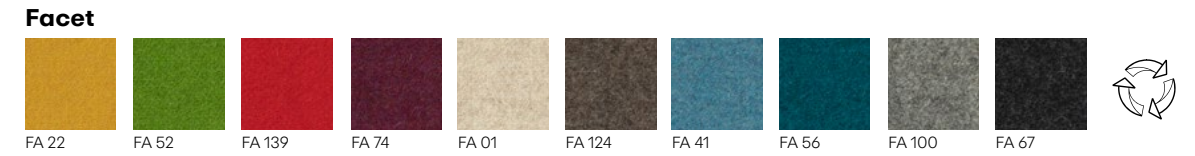
Over 20 acoustic image configurations



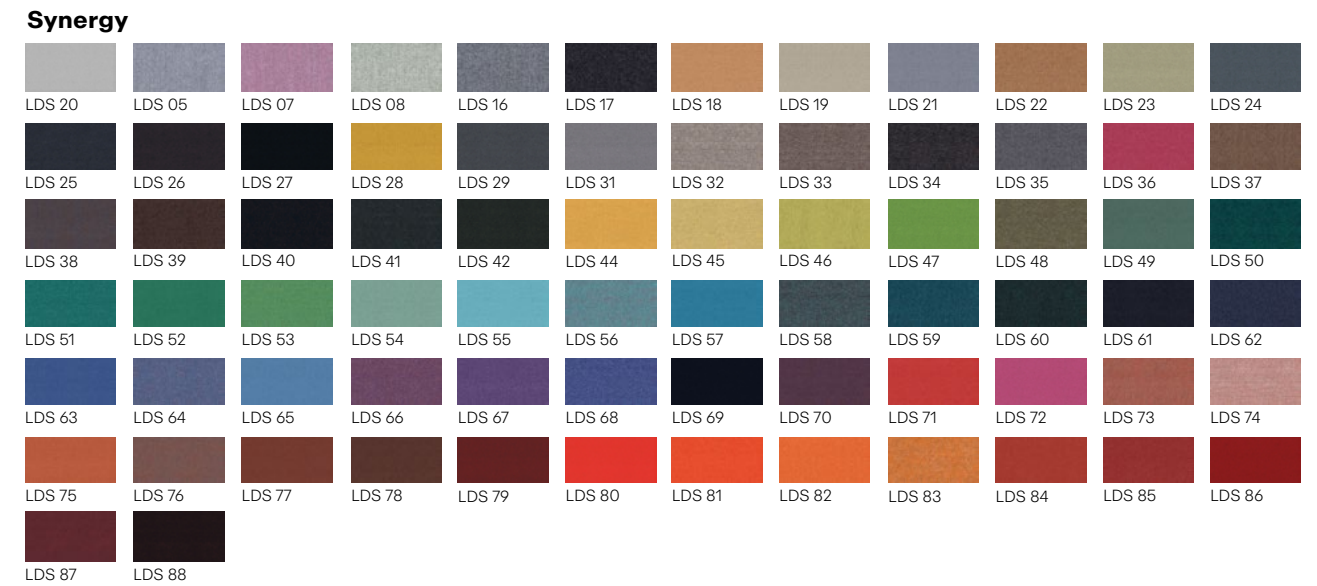
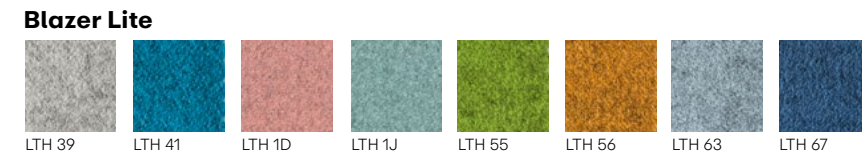
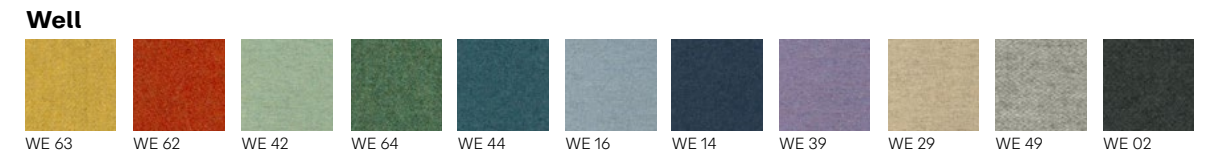
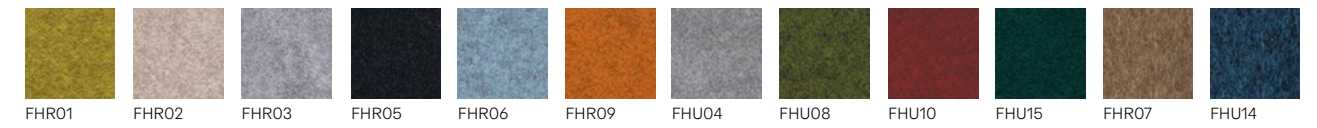
2 materials in 4 colours



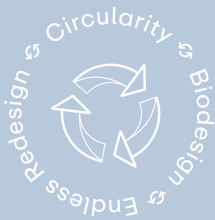
Over 100 fabric colours



Sonus (BRICKS panels upholstered exclusively in this fabric)



Funky Circular Interior Objects



VANK is a team of architects, engineers, and artisans. We create furniture. Objects. Tangible signs in space. Items designed intelligently, with respect for the natural environment, and manufactured using the latest technologies. We believe in a circular economy model that limits the consumption of natural resources by increasing the use of renewable, bio-based or recycled materials.