



WHAT CONTEMPORARY ARCHITECTURE NEEDS



The architecture of modern buildings does not work to the advantage of acoustic comfort. Glass, concrete, hard floors. They're all materials that

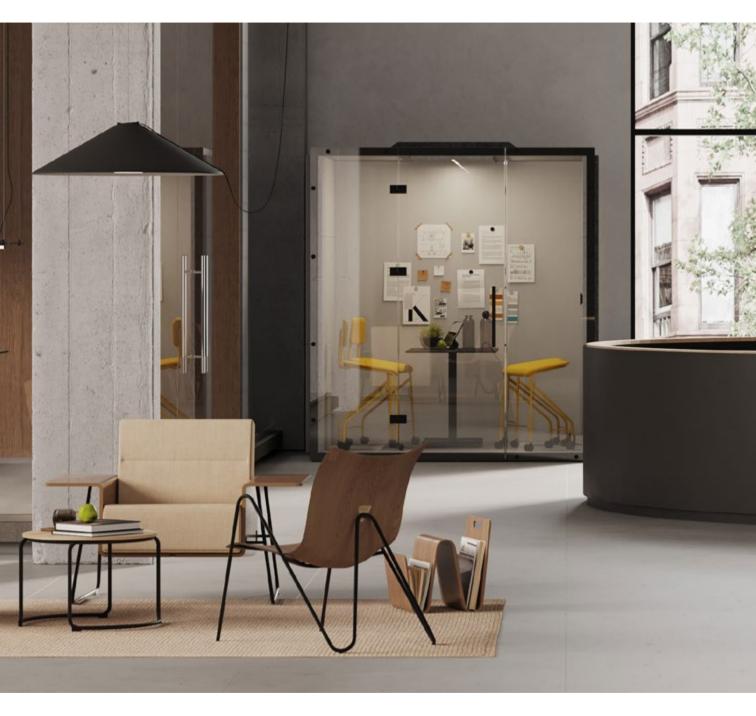
reflect sound. To neutralise negative reverberation, it is necessary to provide the right amount of sound-absorbing surfaces.



Contemporary technology makes it possible to arrange open spaces, but as the volume of open spaces increases, so does the nagging lack of space to talk, meet, or just get away from the hustle and bustle for a while.

The answer to this problem is modern acoustic solutions, which will work well not only in office environments, but in all public facilities: event halls, hotels, municipal offices, schools, or airports.

HUMAN NEEDS - TOGETHER AND SEPARATELY



Appropriate arrangement of space by providing employees with room for phone calls or meetings improves the comfort of work in both open-space type and smaller office environments. VANK pods have been designed as spaces for conversations and low-key meetings, and to act as 'oases of peace' in open-space office environments. As a means to maintain the balance between personal space and teamwork.

THE MULTIFUNCTIONALITY OF MINI-ARCHITECTURE



The changes and trends taking shape over the past few years have fuelled the development of a number of features and functions of acoustic pods. These include:

- · phone booth
- room for video conferencing and online training sessions
- room for heads-down work (deep work) or for hybrid workers (hot desking)
- room for confidential business meetings or HR interviews
- room for briefing and creative brainstorming sessions
- space for ad-hoc organisational meetings
- studio for recording podcasts, tutorials, and webinars
- space to relax surrounded by greenery and sounds of nature
- · visual communication facility

ECO-MOBILITY AND ADAPTABILITY



Acoustic pods can make mobile rooms.

The fact that they can be reassembled reduces the amount of waste generated in the construction industry. VANK pods can be reused when the office is rearranged or the company moves to a new location.



Thanks to large castors which make moving furniture easier, the swift pods can be easily turned or moved within a single room. This makes it possible to rearrange the space without any assembly or finishing work. The freedom of setting up a 'mobile' room fosters adapting it to the current needs of the organisation by sectioning off focus zones and individual/team work areas.



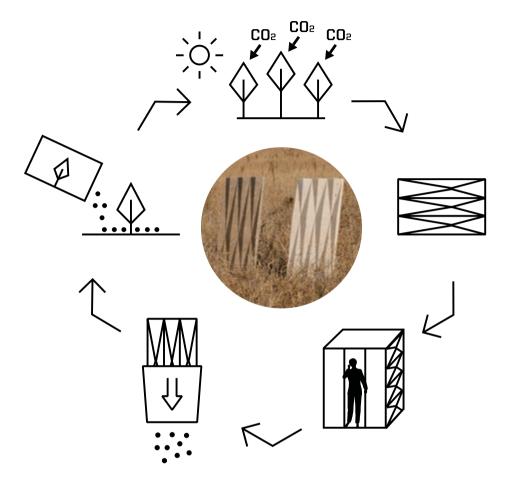
VANK_BIO PANEL has received numerous awards for its eco-evolution and replacement of petroleum-based polyurethane foam with eco-friendly materials.







THE BIOLOGICAL CYCLE OF CIRCULAR ECONOMY



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 CO2neutral biological cycle.

BIO PANEL LIFE CYCLE











NATURAL FIBRES

fibres of fast-growing oilseed crops such as flax and hemp

BIO-COMPOSITE

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

BIO-PANELS

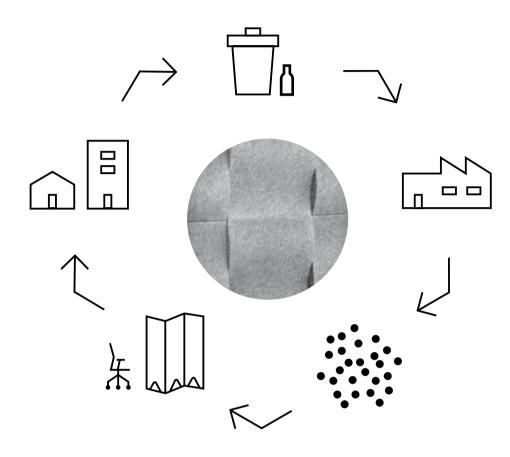
VANK creates its three-dimensional panels in the process of 3D moulding, which further increases acoustic diffusion

BIODEGRADATION

after use, VANK_BIO panels can be disposed of in the composting process



THE TECHNICAL CYCLE OF CIRCULAR ECONOMY



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.

rPET PANEL LIFE CYCLE



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



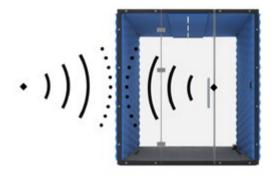
RECYCLING

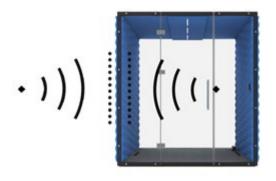
VANK_rPET panels can be recycled again after their useful life

ACOUSTIC PARAMETERS

VANK_WALL PANELS ABSORPTION

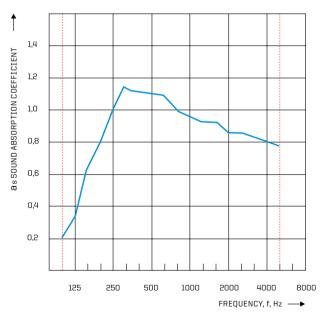
VANK_WALL INSULATION

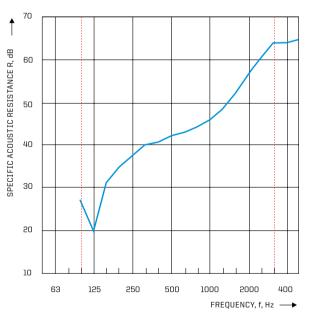




The three-dimensional structure of VANK_WALL panels ensures dispersion of acoustic waves and sound absorption at the level of α_w = 0.95.

The special layered structure of VANK_WALL walls boasts a high specific acoustic resistance of $\rm R_w$ = 45 dB.





MEASUREMENT RESULTS

STANDARD FREQUENCY RANGE

A chart illustrating VANK_WALL's soundproofing properties according to PN- EN ISO 10140-2:2011

STANDARD FREQUENCY RANGE

MEASUREMENT RESULTS

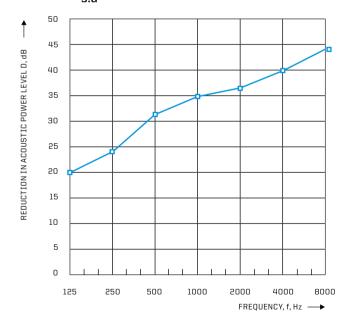
A chart illustrating VANK_WALL's sound absorption properties in a reverberation chamber according to PN-EN ISO 354:2005

SOUND POWER REDUCTION IN VANK_WALL PODS



The robustness of the materials, the quality of the connections, and the precision of the assembly translate into a significant reduction in the speech level at

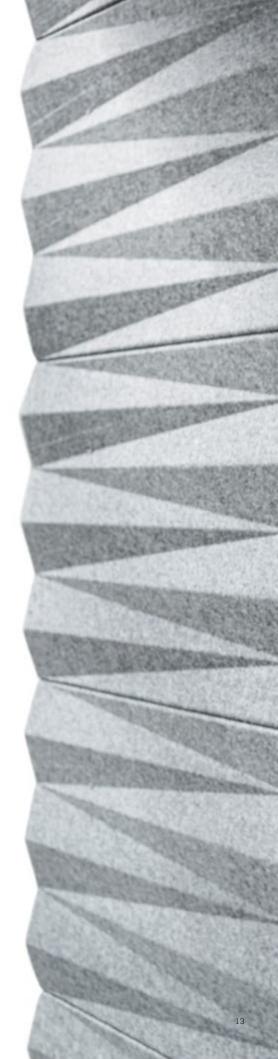
D $_{\rm s.a}$ = 30.7 dB, klasa A.



- MEASUREMENT RESULTS

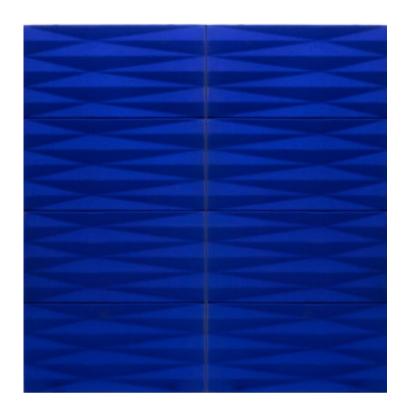
A chart illustrating the sound power level reduction in a VANK_WALL* pod according to ISO 23351-1:2020

*Test results for a 1-person VANK_WALL3 pod with an upholstered back wall.





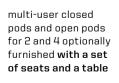
DIVERSITY OF FORM - VANK_BOX_DIAMOND (WALL1)





the pods are available in the following size options: for 1, 2/3, 4, and 6

with acoustic **panels inside and outside**, with a glass or upholstered back wall





DIVERSITY OF FORM - VANK_BOX_WAVE (WALL2)

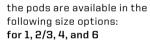




















with acoustic **panels inside and outside**, with a glass or upholstered back wall





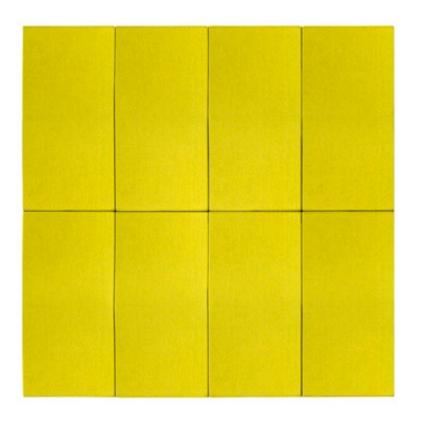




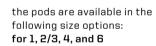
multi-user closed pods and open pods for 2 and 4 optionally furnished with a set of seats and a table



DIVERSITY OF FORM - VANK_BOX_FLAT (WALL 3)





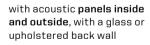




















multi-user closed pods and open pods for 2 and 4 optionally furnished with a set of seats and a table



DIVERSITY OF FORM - VANK_BOX_ELLIPSE_GLOBE (WALL 4)





the pods are available in the following size options: for 1, 2/3, 4, and 6







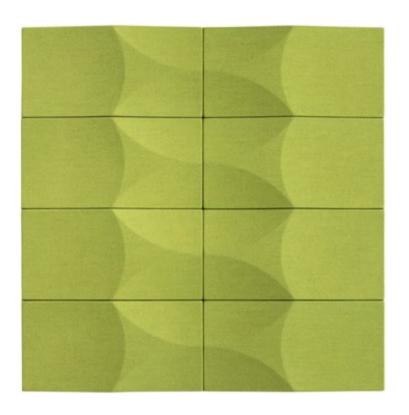




multi-user closed pods and open pods for 2 and 4 optionally furnished with a set of seats and a table



DIVERSITY OF FORM - VANK_BOX_ELLIPSE_LENS (WALL 4)

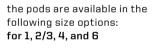










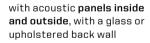












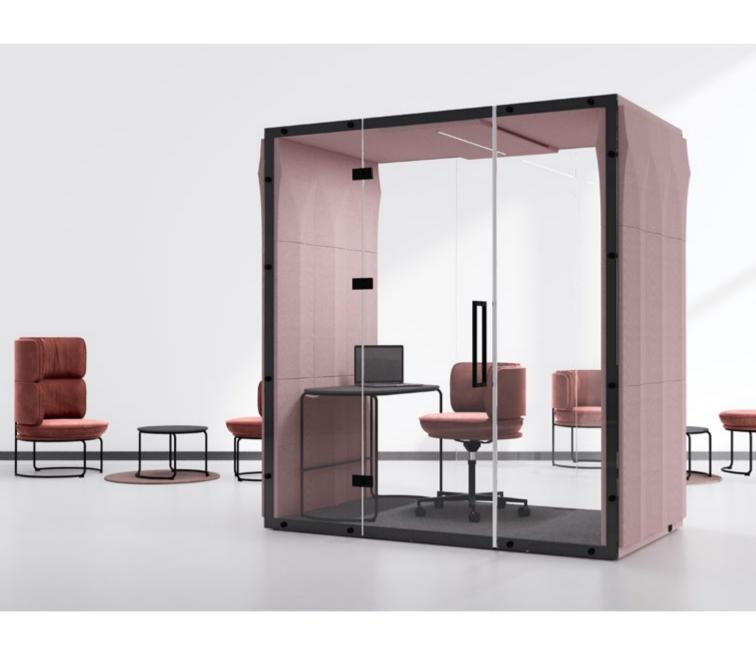




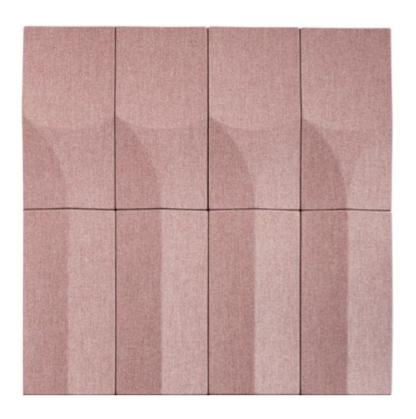




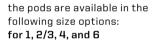
multi-user closed pods and open pods for 2 and 4 optionally furnished with a set of seats and a table



DIVERSITY OF FORM - VANK_BOX_ELLIPSE_COLUMN (WALL 4)















with acoustic **panels inside and outside**, with a glass or upholstered back wall









multi-user closed pods and open pods for 2 and 4 optionally furnished with a set of seats and a table

INCENTIVE OPTIONS



GRAPHIC LED

External walls of pods for 1, 4, and 6 with LED backlit graphics from the Funky (geometric pattern) or Friday (mural art) collections. On request, the illuminated pod can feature any photo or graphics provided.

CREATIVE

Magnetic whiteboards used for writing and creating moodboards are an option for pods for 2/3, 4, and 6. Such a magnetic whiteboard is fixed to the rear inner and outer wall. A perfect tool for a brainstorming session inside the pod or nearby, turning the pod and its surroundings into an informal meeting space.



JUNGLE

The external wall of the pod on the left side can be optionally equipped with a system of modules for plant care. This 'biophilic design' solution has a positive impact on air quality and acoustic comfort. Surrounding oneself with greenery reduces stress levels, regulates blood pressure, improves mood and concentration, and has a natural antidepressant effect.



EL-TV-FRAME

A corner mount for a display unit/TV screen size up to 23.9", allowing the screen to be fixed to the back wall, the right-hand wall, or in the corner, with adjustable height and tilt of the screen, available with pods for 2/3, 4, and 6.



EL-TV

A ceiling mount for a display unit/TV screen up to 40", fitted to the back wall of the pod, with tilt and rotation capabilities, available with pods for 4 and 6.



DARK

Dimmed front panes are an option for pods for 2/3, 4, and 6. It provides the pod's users with a sense of confidentiality – also in visual terms – and offers comfort and control of the situation outside the pod.

USER-FRIENDLY TECHNOLOGY



LED lighting, ventilation.



Upholstered pod roof.



A 6-button wall-mounted touch pad with step lighting and ventilation adjustment and with air purity, lighting, and noise level sensors. Automatic or manual control.



Special structure pod body



In 1-person pods, mediaports are located in the shelf.



A 4-button touch pad with stepless lighting adjustment, stepwise ventilation adjustment.



Connection panels fitted in the floor or the seat (2/3,4,6 pods). If the pod fitted in the front side of the seat.



The power outlet with the main switch of the pod is located outside, at the features seats, the connection panel is bottom of the right wall. As an option, the power supply exits from the top of the roof.



ADJUSTABLE LED LIGHTING

Neutral light colour – 4,000 K. Illuminance compliant with the standard for office work. Adjustable lighting intensity in pods for 2 and more.



QUIET AND EFFICIENT VENTILATION

Mechanical supply and exhaust ventilation, providing air exchange during use. Adjustable ventilation with the possibility of ventilating the space before and after meetings in pods for 2 and more.



NOISE LEVEL AND AIR QUALITY SENSORS

An optional 6-module control panel with air purity, lighting intensity, and noise level sensors in pods for 2 and more.



WIRELESS INTERNAL SOUND SYSTEM

An optional mono/stereo sound system to play audio/ music from mobile devices via Bluetooth.



SAFETY GLASS AND FIRE-RETARDANT MATERIALS

All glass elements are made of double-glazed, laminated, and tempered glass, which makes them safe to install and use. The acoustic panels and fabrics have been tested for flame retardancy according to EN 1021-1, EN 1021-2 (cigarette and match).



POWER SUPPLY, POWER SOCKETS, AND USB CHARGERS

A 1x230V+USB (charger) connection panel mounted in the tabletop in pods for 1. IN pods for 2 and more, a 2x230V+2xUSB connection panel is fitted near the floor or in the fixed seats.

MODELS AND SIZES

PODS FOR 1 PERSON



VW1 122070 (diamond) VW2 122070 (wave) VW3 122070 (flat) VW4 122070 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	94	80
width	133	107-116



VW1 122080 (diamond) VW2 122080 (wave) VW3 122080 (flat) VW4 122080 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	94	80
width	134-143	107-116



VW1 124070 (diamond) VW2 124070 (wave) VW3 124070 (flat) VW4 124070 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	92	80
width	134-143	107-116



VW1 124080 (diamond) VW2 124080 (wave) VW3 124080 (flat) VW4 124080 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	92	80
width	134-143	107-116

PODS FOR 2-3 PEOPLE



VW1 222070 (diamond) VW2 222070 (wave) VW3 222070 (flat) VW4 222070 (ellipse)

dimension	overall	inside
height	(553 H5) 538	218 (203 H2)
depth	134	120
width	213	187-196



VW1 222080 (diamond) VW2 222080 (wave) VW3 222080 (flat) VW4 222080 (ellipse)

dimension	overall	inside
height	(553 H5) 538	218 (203 H2)
depth	134	120
width	214-223	187-196



VW1 224070 (diamond) VW2 224070 (wave) VW3 224070 (flat) VW4 224070 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	132	120
width	213	187-196



VW1 224080 (diamond) VW2 224080 (wave) VW3 224080 (flat) VW4 224080 (ellipse)

dimension	overall	inside
height	(553 H5) 538	218 (203 H2)
depth	132	120
width	214-223	187-196

PODS FOR 4 PEOPLE



VW1 422070 (diamond) VW2 422070 (wave) VW3 422070 (flat) VW4 422070 (ellipse)

dimension	overall	inside
height	(553 H5) 538	218 (203 H2)
depth	174	160
width	213	187-196



VW1 422080 (diamond) VW2 422080 (wave) VW3 422080 (flat) VW4 422080 (ellipse)

dimension	overall	inside
height	(553 H5) 538	218 (203 H2)
depth	174	160
width	214-223	187-196



VW1 424070 (diamond) VW2 424070 (wave) VW3 424070 (flat) VW4 424070 (ellipse)

dimension	overall	inside
height	(553 H5) 538	218 (203 H2)
depth	171	160
width	213	187-196



VW1 424080 (diamond) VW2 424080 (wave) VW3 424080 (flat) VW4 424080 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	174	160
width	214-223	187-196

PODS FOR 6 PEOPLE



VW1 622070 (diamond) VW2 622070 (wave) VW3 622070 (flat) VW4 622070 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	254	240
width	213	187-196



VW1 622080 (diamond) VW2 622080 (wave) VW3 622080 (flat) VW4 622080 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	254	240
width	214-223	187-196



VW1 624070 (diamond) VW2 624070 (wave) VW3 624070 (flat) VW4 624070 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	251	240
width	213	187-196



VW1 624080 (diamond) VW2 624080 (wave) VW3 624080 (flat) VW4 624080 (ellipse)

dimension	overall	inside
height	(553 H5)	218 (203 H2)
depth	251	240
width	214-223	187-196

OPEN PODS



VW1 221070 (diamond) VW2 221070 (wave) VW3 221070 (flat) VW4 221070 (ellipse)

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	84	80
width	213	187-196



VW1 221080 (diamond) VW2 221080 (wave) VW3 221080 (flat) VW4 221080 (ellipse)

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	84	80
width	214-223	187-196



VW1 421070 (diamond) VW2 421070 (wave) VW3 421070 (flat) VW4 421070 (ellipse)

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	174	160
width	213	187-196



VW1 421080 (diamond) VW2 421080 (wave) VW3 421080 (flat) VW4 421080 (ellipse)

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	174	160
width	214-223	187-196

PODS CAN BE FURNISHED WITH A SET OF SEATS AND A TABLE:



TS-3 A set of 2 seats and a table as furnishings of a pod for 2/3.



A set of 4 seats and a table as furnishings of a pod for 4.



TS-6 A set of 6 seats and a table as furnishings of a pod for 6.

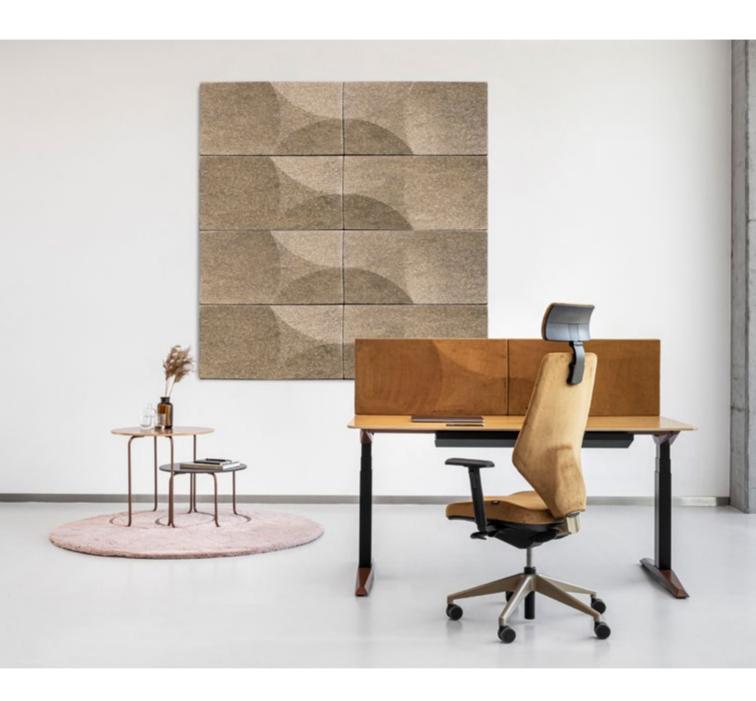


TS-2 A set of 2 seats and a table as furnishings of an open pod for 2.



TS-4 A set of 4 seats and a table as furnishings of an open pod for 4.

ACOUSTIC PANELS - UNLIMITED CONFIGURATIONS



VANK_PANEL

Acoustic panels made of rPET, BIO fibres, or additionally upholstered with fabrics are available in the form of desk partitions or wall-mounted panels, enabling the user to arrange them in original ways.



DECORATIVE CONFIGURATIONS

The 3D acoustic panels can be customized by designers to become creative wall finishes in office environments, public spaces, and residential buildings. The panels, available in 5 patterns: DIAMOND, WAVE, FLAT, ELLIPSE and COLUMN, size 80x40 cm, can become large-scale, geometric impressive decorations.

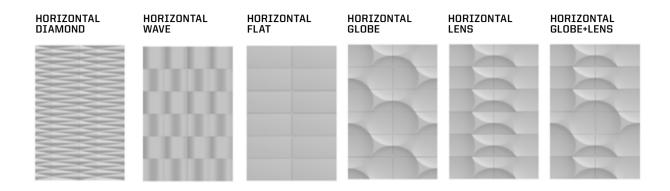
ACOUSTIC ART

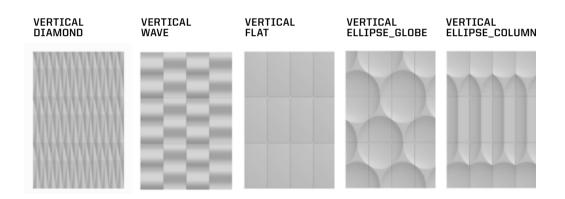


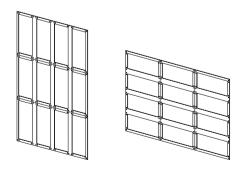
VANK_PANEL_ART

Acoustic panels can turn into custom-made 160x240 cm (or 240x160 cm) acoustic works of art, which can be hung vertically or horizontally.

EXAMPLES OF ARRANGEMENTS







overall	
240 / 160	
10	
160 / 240	
	240 / 160

Background for an acoustic art panel (to be hung vertically or horizontally)



MODELS AND SIZES

WALL PANEL



VW1 008040 (diamond)
VW2 008040 (wave)
VW3 008040 (flat)
VW4 008040_E (ellipse)
VW4 008040_C (column)

dimension	overall	
height	40	
depth	6	
width	80	

PANEL ART FRAME podkład dla obrazu akustycznego (z możliowścią zawieszenia w pionie lub poziomie)

dimension	overall	
height	240 / 160	
depth	10	
width	160 / 240	

DESK SCREEN



VW1 008070 (diamond) VW2 008070 (wave) VW3 008070 (flat) VW4 008070 (ellipse)

dimension	overall	
height	40	
depth	6	
width	80	



VW1 008080 (diamond) VW2 008080 (wave) VW3 008080 (flat) VW4 008080 (ellipse)

dimension	overall	
height	40	
depth	12	
width	80	



VW1 012070 (diamond) VW2 012070 (wave) VW3 012070 (flat) VW4 012070 (ellipse)

dim	ension	overall	
heig	ght	40	
dep	ith	6	
wid	th	120	



VW1 012080 (diamond) VW2 012080 (wave) VW3 012080 (flat) VW4 012080 (ellipse)

dimension	overall	
height	40	
depth	12	
width	120	



VW1 016070 (diamond) VW2 016070 (wave) VW3 016070 (flat) VW4 016070 (ellipse)

dimension	overall	
height	40	
depth	6	
width	160	



VW1 016080 (diamond) VW2 016080 (wave) VW3 016080 (flat) VW4 016080 (ellipse)

dimension	overall	
height	40	
depth	12	
width	160	

VANK_SCREEN WALL PATTERNS:



DIAMOND







MOBILE WALLS - AGILITY AND CREATIVE SPACE



VANK_SCREEN

Acoustic screens in free-standing or mobile form. They come with rPET panels, BIO panels, or panels upholstered in selected fabrics. The screens are also available with a magnetic whiteboard to write on.



VANK acoustic screens with diamond-patterned panels were awarded in the international IF Design Award competition in 2016.



VANK_SCREEN_FLAT

The hallmarks of the VANK_SCREEN_FLAT series are neutral, smooth walls, upholstered with SONUS fabric in felt finish, which demonstrates good soundabsorbing properties. Tall partitions will also work well as information boards or as backgrounds

during videoconferences. Individual walls can be connected with each other by means of long fasteners, which makes the solution mobile and modular. The triangular plywood bases can be easily disassembled, enabling convenient storage of partitions.

MOBILE WALLS – AGILITY AND CREATIVE SPACE



MODELS AND SIZES

SCREENS



VW1 108070 (diamond) VW2 108070 (wave) VW3 108070 (flat) VW4 108070 (ellipse)

dimension	overall
height	178
depth	60
width	on



VW1 108080 (diamond) VW2 108080 (wave) VW3 108080 (flat) VW4 108080 (ellipse)

dimension	overall	
height	178	
depth	60	
width	80	



VW1 508070 (diamond) VW2 508070 (wave) VW3 508070 (flat) VW4 508070 (ellipse)

dimension	overall	
height	178	
depth	60	
width	80	



VW1 116070 (diamond) VW2 116070 (wave) VW3 116070 (flat) VW4 116070 (ellipse)

dimension	overall	
height	178	
depth	60	
width	160	



VW2 116080 (wave) VW3 116080 (flat) VW4 116080 (ellipse)

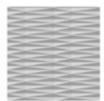
dimension	overall	
height	178	
depth	60	
width	160	



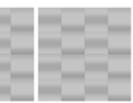
VANK_SCREEN ACOUSTIC PANEL WALL PATTERNS:

DIAMOND





WAVE



FLAT



ELLIPSE





VANK_SCREEN_FLAT



VW3 220070		
dimension	overall	
height	555	
depth	33	
width	70	



VW3 200070 dimension overall 505 height depth 33 width 70



VW3 180070 dimension overall 182 height depth 33 width 70



VW3 160070 overall wymiar 162 wysokość głębokość szerokość 70

COLOURS OF MATERIALS

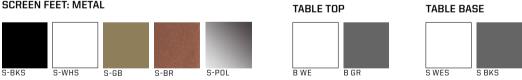
ACOUSTIC PANELS



SYNERGY



SCREEN FEET: METAL



WHAT THE VANK!

VANK IS A POLISH TEAM OF ARCHITECTS, CREATIVES, ENGINEERS, AND ARTISANS. WE CREATE FURNITURE. OBJECTS. TANGIBLE SIGNS IN SPACE. ITEMS DESIGNED INTELLIGENTLY, WITH RESPECT FOR THE NATURAL ENVIRONMENT, AND MANUFACTURED USING LATEST TECHNOLOGIES.

WE BELIEVE IN A CIRCULAR ECONOMY MODEL THAT LIMITS THE CONSUMPTION OF NATURAL RESOURCES, REDUCES THE AMOUNT OF WASTE GENERATED, AND INCREASES THE USE OF BIODEGRADABLE, RENEWABLE, AND RECYCLABLE MATERIALS. WE WANT OUR FURNITURE TO IMPROVE THE AESTHETICS OF THEIR SURROUNDINGS. TO BE PRESENT AND SEEN WHILE MAINTAINING THE RIGHT BALANCE BETWEEN FUNCTION AND VISUAL APPEAL, WE'RE ALL ABOUT HIGH QUALITY, TAKING RESPONSIBILITY FOR WHAT WE DO AND MAKE, AND MAKING OUR PRODUCTS LAST AS LONG AS POSSIBLE.



SEE MORE:

W W W . V A N K . D E S I G N







