



VANK



ACOUSTICS AND WELLBEING

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



CLIENT: workingwell GmbH, Munich

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.



WATCH THE VIDEO >



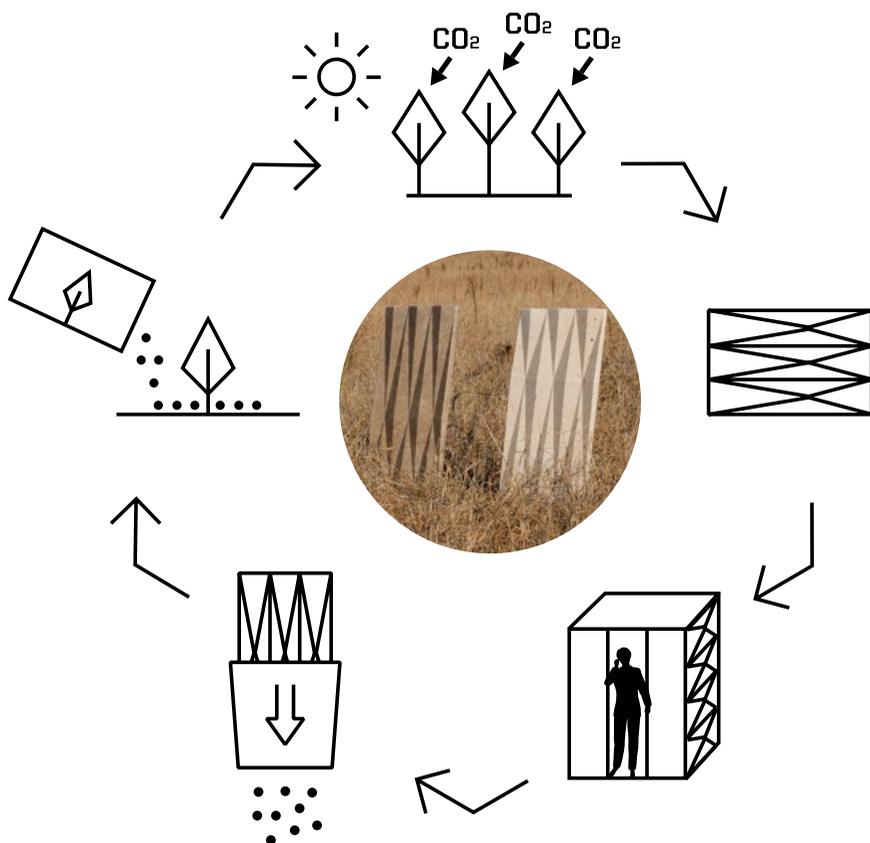
Thanks to castor set which make moving furniture easier, the swift pods can be easily turned or moved within a single room. This makes it possible to rearrange the space without any assembly or finishing work. The freedom of setting up a 'mobile' room fosters adapting it to the current needs of the organisation 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 CO₂-neutral biological cycle.

WATCH THE VIDEO >



BIO_PANEL LIFE CYCLE



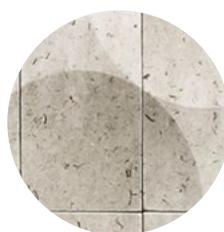
NATURAL FIBRES

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



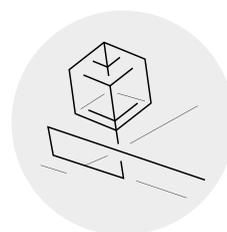
BIO-COMPOSITE

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

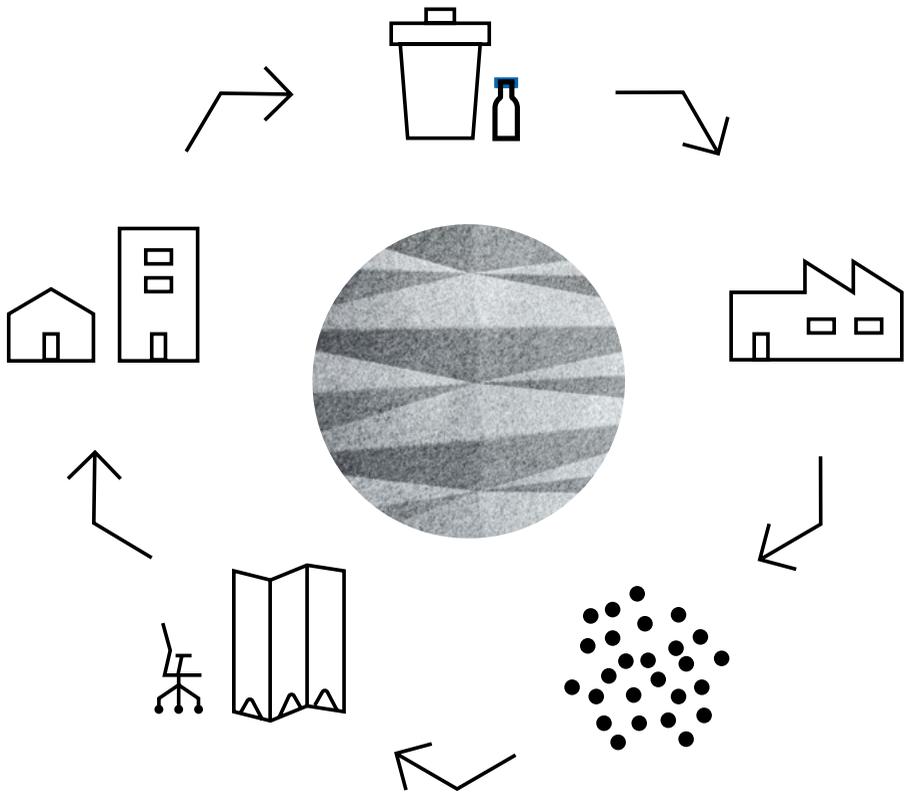


BIODEGRADATION

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



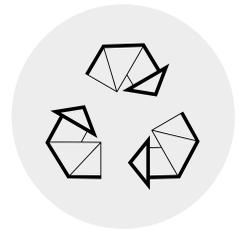
POLYESTER FIBRE

polyester fibres are obtained in the shredding process



rPET PANELS

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

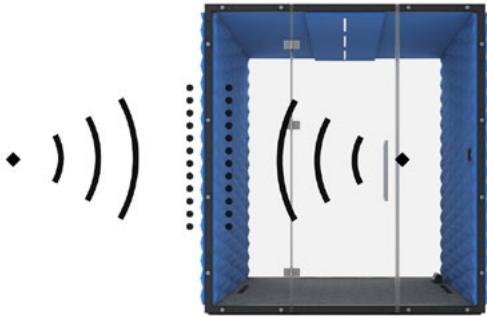


RECYCLING

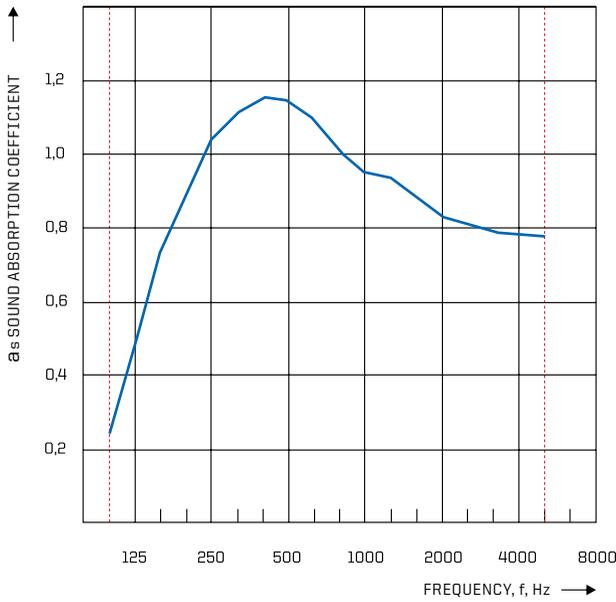
VANK_rPET panels can be recycled again after their useful life

ACOUSTIC PARAMETERS

VANK_PANEL ABSORPTION



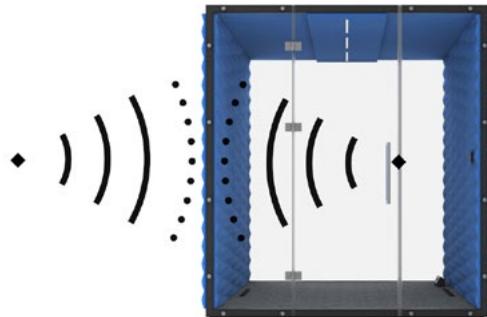
The three-dimensional structure of VANK_PANEL ensures dispersion of acoustic waves and sound absorption at the level of $\alpha_w = 0.90$, Class A.



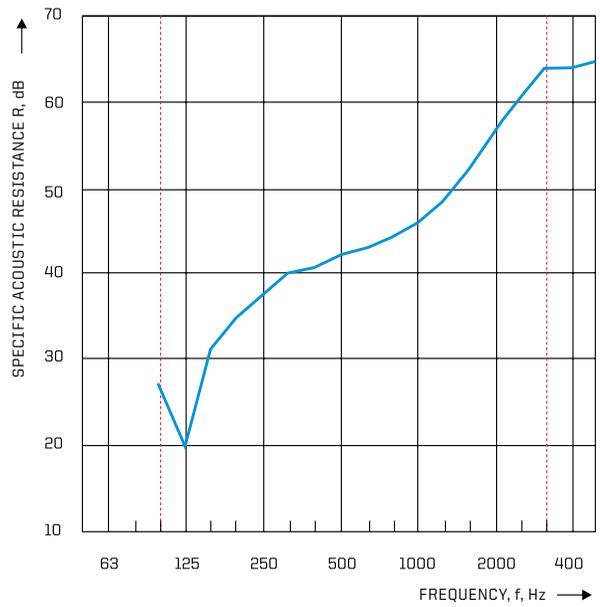
--- STANDARD FREQUENCY RANGE
— MEASUREMENT RESULTS

A chart illustrating VANK_PANEL_rPET and VANK_PANEL_BIO sound absorption properties in a reverberation chamber according to PN-EN ISO 354:2005

VANK_BOX INSULATION



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



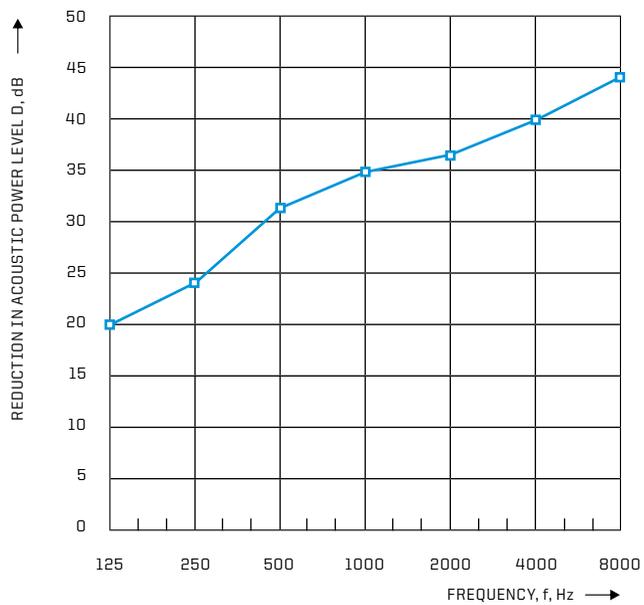
--- STANDARD FREQUENCY RANGE
— MEASUREMENT RESULTS

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

SPEECH LEVEL REDUCTION VANK_BOX



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 **$D_{s,a} = 30.7$ dB, Class A.**



— MEASUREMENT RESULTS

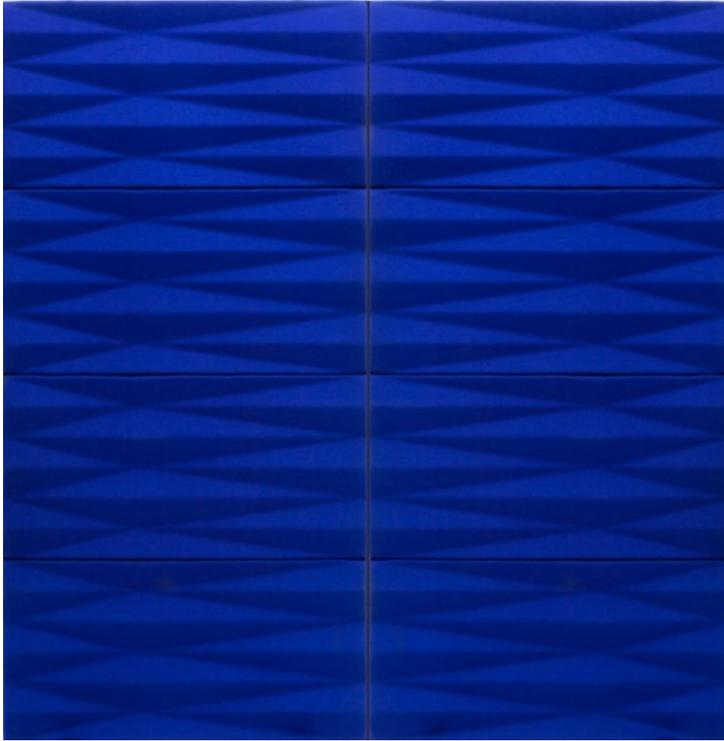
A chart illustrating the sound power level reduction in a VANK_POD* pod according to ISO 23351-1:2020

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



Interior design: workingwell GmbH, Munich

DIVERSITY OF FORM – VANK_BOX / DIAMOND



VANK_BOX



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



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 / WAVE



VANK_BOX



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



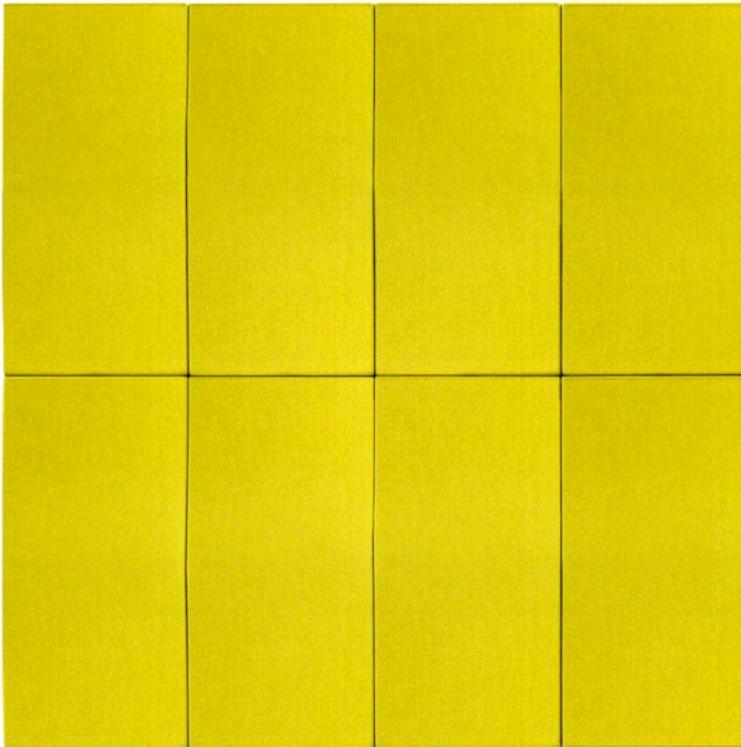
with acoustic **panels inside and outside**, with a glass or upholstered back wall



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



VANK_BOX



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



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



VANK_BOX



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



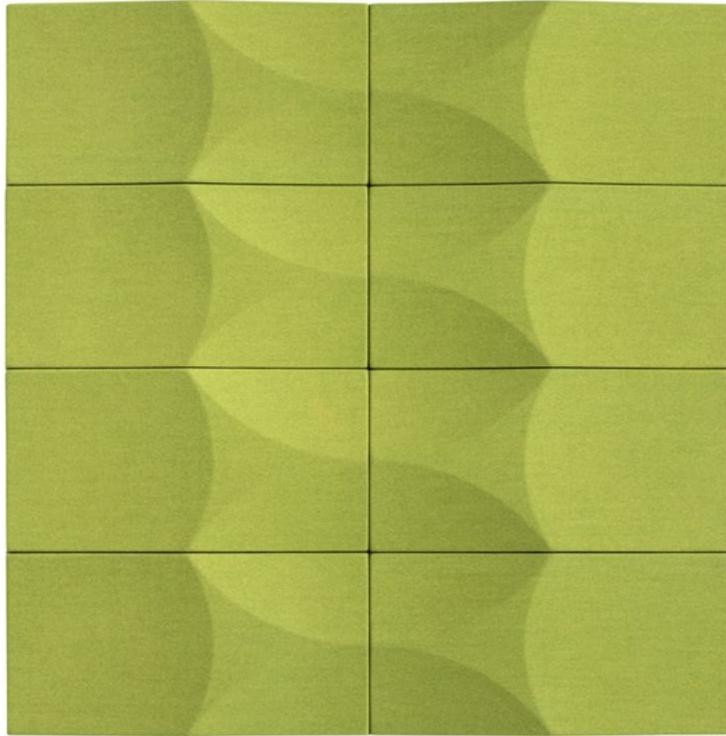
with acoustic **panels inside and outside**, with a glass or upholstered back wall



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



VANK_BOX



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

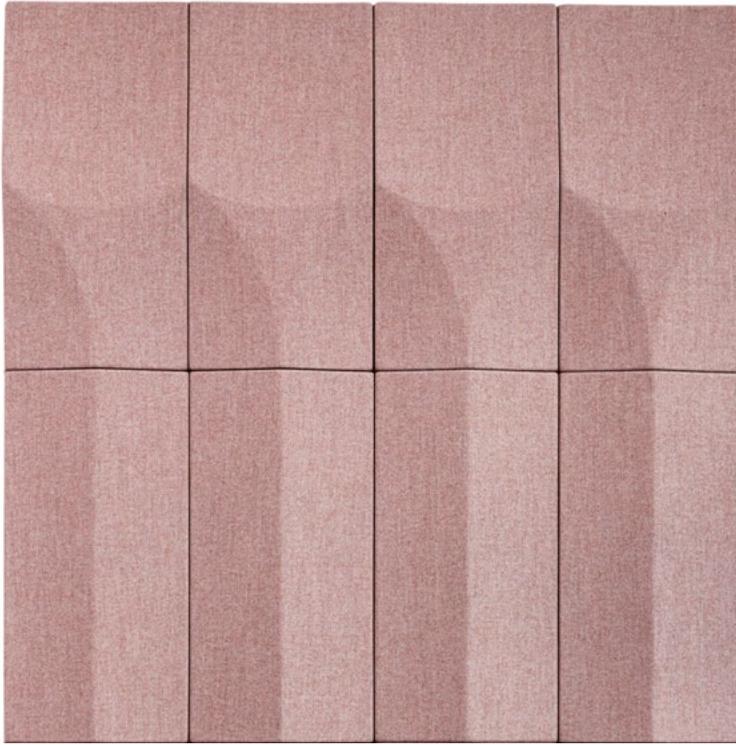


multi-user closed pods and open pods for 2 and 4 optionally furnished **with a set of seats and a table**



CLIENT: workingwell GmbH, Munich - customized option RE:MIND box

DIVERSITY OF FORM – VANK_BOX / ELLIPSE_COLUMN



VANK_BOX



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



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

The magnetic whiteboard can be used for writing and creating moodboards. 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 indoor plant cultivation. 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 in pods for 2-3, 4, and 6 people - without seats and table.



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.



T-HA

With laptop work and video conferencing in mind, our pods for 1 now feature a new table with a lightweight top with a pneumatic height adjustment mechanism (66-112 cm).



LED lighting, ventilation.



Upholstered pod roof.



EL-PHONE - in order to make video conferencing more convenient, we have incorporated a black metal phone holder that can be ordered as an option for 1-person pods. You can also order holders for pods already in use. The installation is very simple as it involves sliding the holder between panels.



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. Optionally, a 6-button touch pad PA-6 with stepless lighting adjustment, stepwise ventilation adjustment, and an occupancy sensor.



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



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



In the mobile option, the pod's base features a levelling castor set with an integrated locking foot. The castors let the pod move freely across the floor.



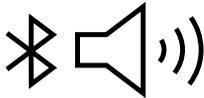
ADJUSTABLE LED LIGHTING

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



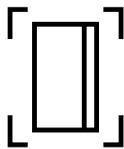
QUIET AND EFFICIENT VENTILATION

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.



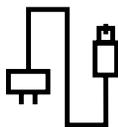
WIRELESS INTERNAL SOUND SYSTEM

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).

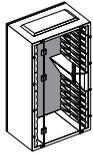


POWER SUPPLY, POWER SOCKETS, AND USB CHARGERS

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.

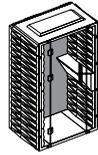
MODELS AND SIZES

PODS FOR 1 PERSON



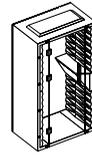
VW 122070

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	94	80
width	134	107-113



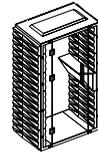
VW 122080

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	94	80
width	137-143	107-113



VW 124070

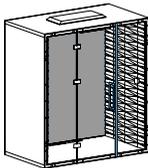
dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	92	80
width	134	107-113



VW 124080

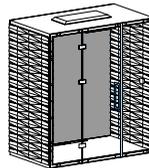
dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	92	80
width	137-143	107-113

PODS FOR 2-3 PEOPLE



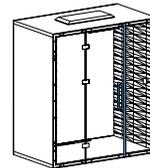
VW 222070

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	134	120
width*	214	187-193



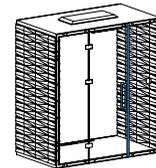
VW 222080

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	134	120
width*	217-223	187-193



VW 224070

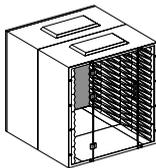
dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	132	120
width*	214	187-193



VW 224080

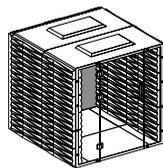
dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	132	120
width*	217-223	187-193

PODS FOR 4 PEOPLE



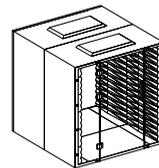
VW 422070

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	174	160
width*	214	187-193



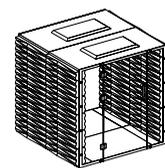
VW 422080

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	174	160
width*	217-223	187-193



VW 424070

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	171	160
width*	214	187-193

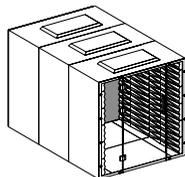


VW 424080

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	174	160
width*	217-223	187-193

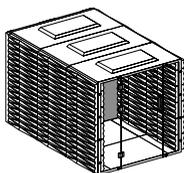
* The width of the pods (overall and inside) varies depending on the panel patterns selected

PODS FOR 6 PEOPLE



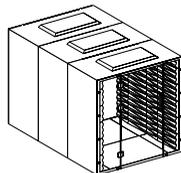
VW 622070

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	254	240
width*	214	187-193



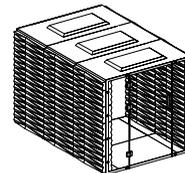
VW 622080

dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	254	240
width*	217-223	187-193



VW 624070

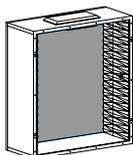
dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	252	240
width*	214	187-193



VW 624080

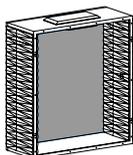
dimension	overall	inside
height	238 (223 H2)	218 (203 H2)
depth	252	240
width*	217-223	187-193

OPEN PODS



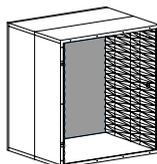
VW 221070

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	84	80
width*	214	187-193



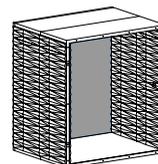
VW 221080

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	84	80
width*	217-223	187-193



VW 421070

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	174	160
width*	214	187-193



VW 421080

dimension	overall	inside
height	235 (220 H2)	218 (203 H2)
depth	174	160
width*	217-223	187-193

VANK_BOX

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.



TS-4
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.

WATCH THE VIDEO >





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.

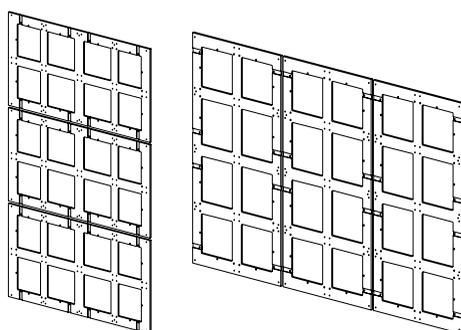
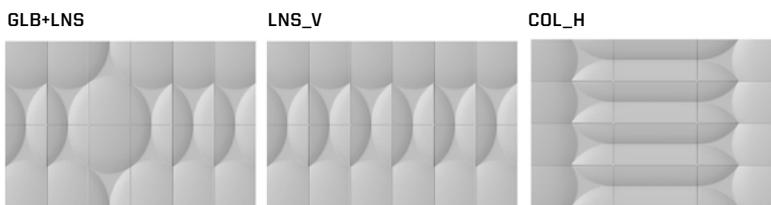
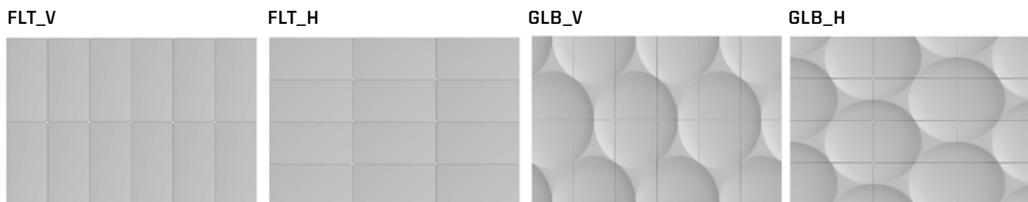
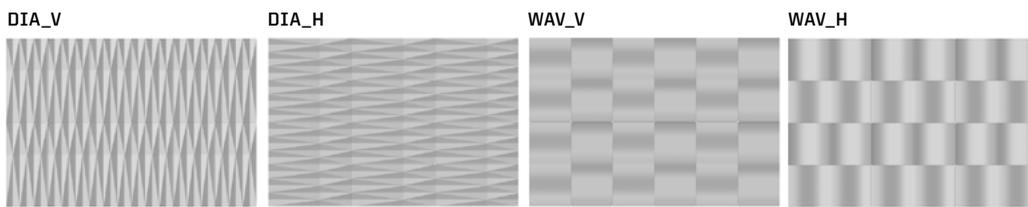
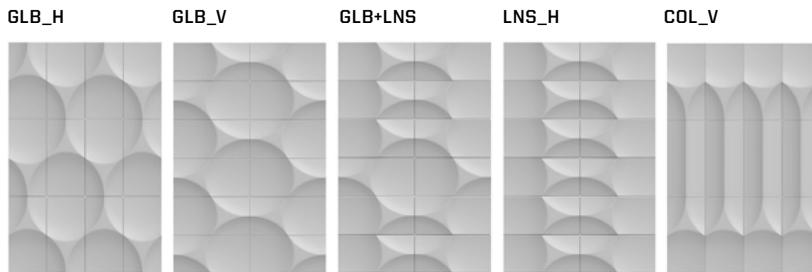
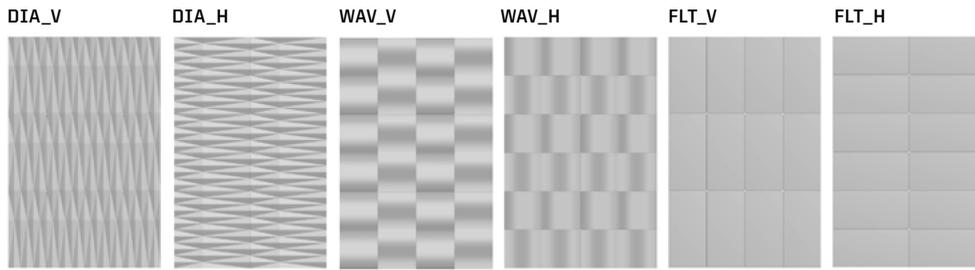
ACOUSTIC ART



VANK_PANEL_ART

Acoustic panels can turn into custom-made 160x240 cm (or 240x160 cm) 3D acoustic works of art, which can be hung vertically or horizontally.

EXAMPLES OF ARRANGEMENTS



FRAME

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

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



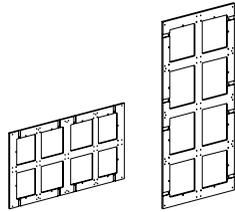
MODELS AND SIZES

WALL PANEL



VW 008040

dimension	overall
height	40
depth*	4-7
width	80



VWF 160810 VWF 160820

PANEL PAINTINGS FRAME
background for an acoustic art panel (to be hung vertically or horizontally)

dimension	overall
height	240 / 160
depth	2
width	160 / 240

DESK SCREEN



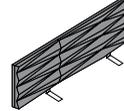
VW 008070

dimension	overall
height	40
depth*	6-9
width	80



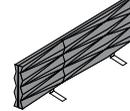
VW 008080

dimension	overall
height	40
depth*	9-15
width	80



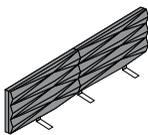
VW 012070

dimension	overall
height	40
depth*	6-9
width	120



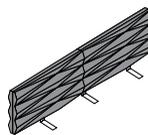
VW 012080

dimension	overall
height	40
depth*	9-15
width	120



VW 016070

dimension	overall
height	40
depth*	6-9
width	160

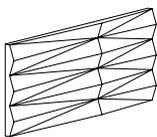


VW 016080

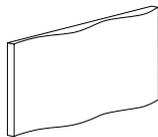
dimension	overall
height	40
depth*	9-15
width	160

VANK_SCREEN WALL PATTERNS:

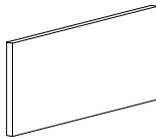
**DIA
(DIAMOND)**



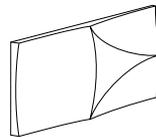
**WAV
(WAVE)**



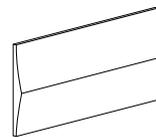
**FLT
(FLAT)**



**GLB
(ELLIPSE-GLOBE/LENS)**



**COL
(ELLIPSE-COLUMN)**



* The depth of the panels varies depending on the panel patterns selected

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_HOME

The hallmarks of the VANK_SCREEN_HOME series are neutral, smooth walls, upholstered with SONUS fabric in felt finish, which demonstrates good sound-absorbing 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



VW 108070

dimension	overall
height	178
depth	60
width	80



VW 108080

dimension	overall
height	178
depth	60
width	80



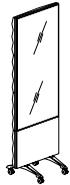
VW 116070

dimension	overall
height	178
depth	60
width	160



VW 116080

dimension	overall
height	178
depth	60
width	160



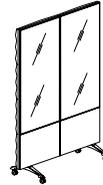
VW 508085

dimension	overall
height	178
depth	60
width	80



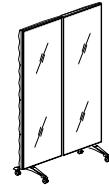
VW 508075

dimension	overall
height	178
depth	60
width	80



VW 516085

dimension	overall
height	178
depth	60
width	160



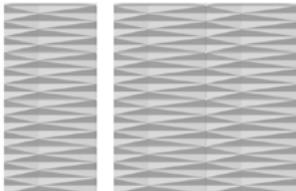
VW 516075

dimension	overall
height	178
depth	60
width	160

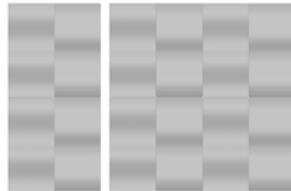
VANK_SCREEN

VANK_SCREEN ACOUSTIC PANEL WALL PATTERNS:

DIAMOND



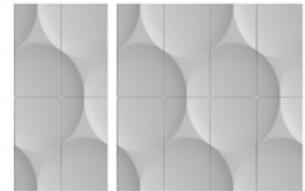
WAVE



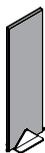
FLAT



ELLIPSE



VANK_SCREEN_FLAT



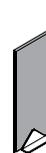
VW3 220070

dimension	overall
height	222
depth	33
width	70



VW3 200070

dimension	overall
height	202
depth	33
width	70



VW3 180070

dimension	overall
height	182
depth	33
width	70



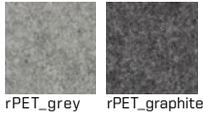
VW3 160070

dimension	overall
height	162
depth	33
width	70

COLOURS OF MATERIALS

ACOUSTIC PANELS

rPET

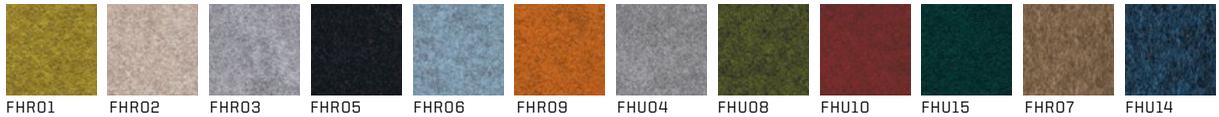


BIO



rPET ACOUSTIC PANELS UPHOLSTERED WITH THE FOLLOWING FABRICS / POD BODY

SONUS



WELL



BLAZER LITE



SYNERGY



FLOORING



TABLE TOP

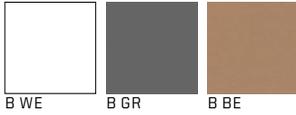


TABLE BASE

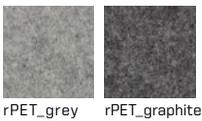


SCREEN FEET: METAL



FABRIC COLOURS MATCHING THE PANEL COLOURS

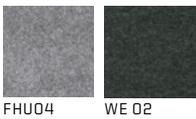
rPET



BIO



SONUS



WELL

WELL



SONUS

In the case of walls and desk panels with a panel finish on one side, the other side comes in plain upholstery in colours corresponding to BIO (beige, brown) and rPET (grey, graphite) materials.

**YOU CAN
CONFIGURE
IN PCON**



VANK PRODUCTS CAN PROVIDE POINTS TOWARDS LEED™ AND WELL™ CERTIFICATION.

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.



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WWW.VANK.DESIGN

