

# VANK BIO

Sustainable sound-absorbing panel which is the essential element of VANK's acoustic office pods, mobile screens, and wall installations.

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## Project Information (EN)

### Wellbeing and eco-acoustics

VANK's state-of-the-art acoustic panels are a combination of pro-environmental values and every individual's need for wellbeing. VANK's technology produces shapes that guarantee reduced reverberation and room noise. The 80x40 cm biodegradable panels are available in 5 3-D patterns and can be customized by designers to become creative wall finishes in office environments, public spaces, and residential buildings. DIAMOND, WAVE, FLAT, ELLIPSE, and COLUMN can form large geometric decorations or even cover entire room walls. Light beige or dark brown organic textures offer a minimalist, natural look of the interiors they decorate. The panels can also come in the form of mobile walls or desk partition screens.

### Bio design for you and the planet

VANK\_BIO is created through modern technology using a biocomposite based on flax and hemp fibres. These plants absorb CO<sub>2</sub> from the atmosphere during their growth phase and convert it into biomass through photosynthesis. Therefore, bio design is about products with a much lower carbon footprint than other office furniture. In addition, they are based on fast-growing fibrous plants that are annually renewable, do not require irrigation or fertilisation, and are safe and human-friendly due to their natural origin. VANK\_BIO is durable and soundproof. As a typical porous material made of bast fibers, it contains diverse channels and cavities that allow sound waves to penetrate into the structure.

### The circular economy

Using renewable resources is an important means to achieve the goal of reducing greenhouse gas emissions leading to climate change — which is one of the biggest threats to the natural environment, our society, and our economy. VANK's eco-transformation and contribution to the development of the circular economy was recognised by the juries of the Green Product Award 2022 and Iconic Design Awards 2022. As a result of its efforts, the brand received both awards. The biodegradable VANK\_PANEL\_BIO made VANK also one of the finalists shortlisted for the Sustainability Award Design 2022.

## Image List

| Filename                                        | Caption                                     | Credit |
|-------------------------------------------------|---------------------------------------------|--------|
| vank-diamond-bio-panel-hemp-1_1666263195.jpg    | VANK_PANEL_DIAMOND_BIO_dark<br>made of hemp |        |
| vank-ellipse-panel-flax_1666263226.jpg          | VANK_PANEL_WAVE_BIO_light<br>made of flax   |        |
| vank-vawe-bio-panel-flax_1666263263.jpg         | VANK_PANEL_WAVE_BIO_light<br>made of flax   |        |
| zrzut-ekranu-2022-10-20-o-122333_1666263448.png | VANK_PANEL_ELLIPSE_BIO_dark                 |        |
| fn-8467_1666263498.jpg                          | VANK_BOX_DIAMOND_BIO                        |        |

The images above are included in the ZIP under /images.