

# PANELTIM<sup>®</sup>

Pioneer in plastic sandwich panels



**Paneltim<sup>®</sup> Venti<sup>®</sup>**  
for optimal air circulation  
in your barn



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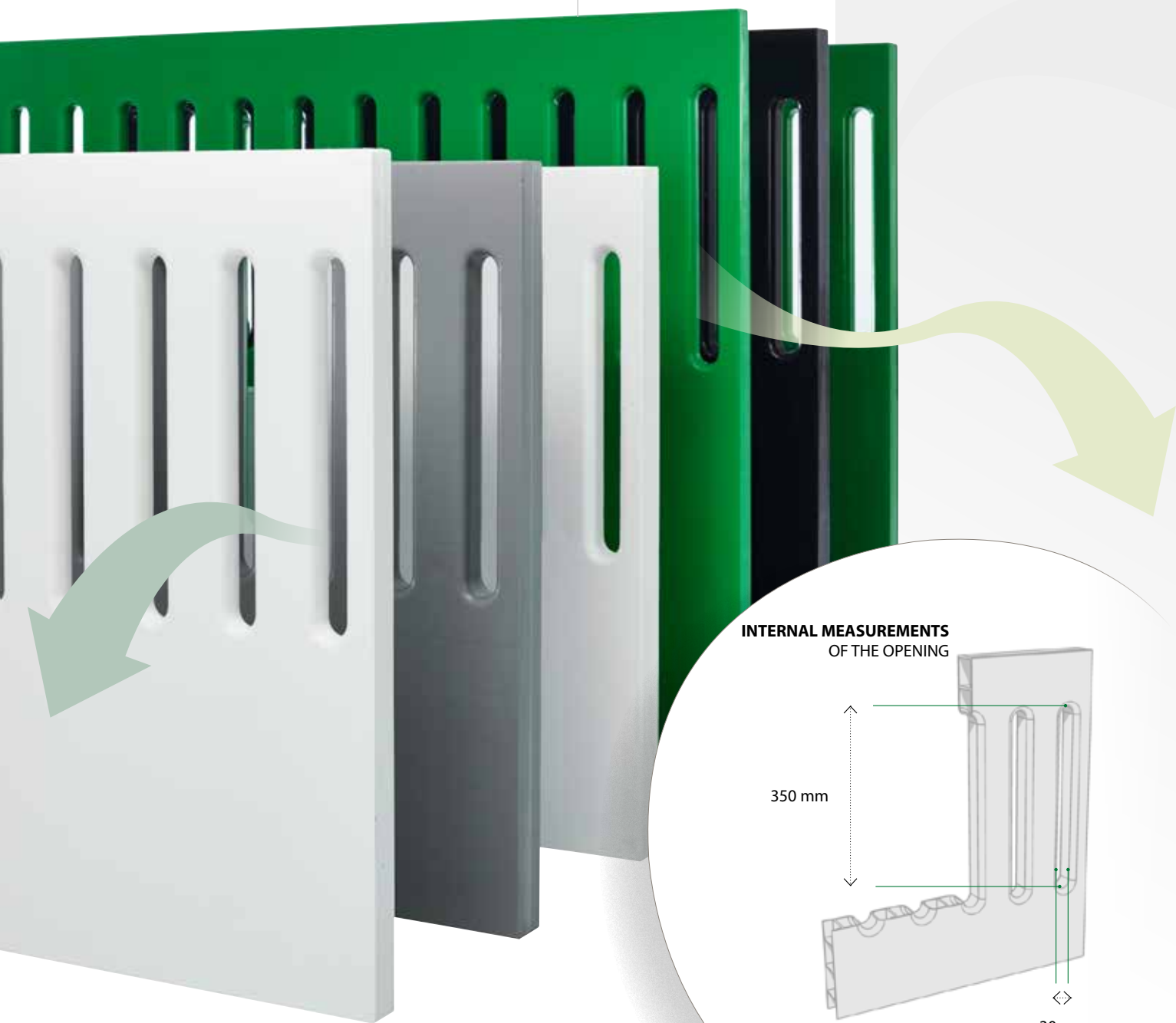
# Paneltim® Venti®

AVAILABLE IN DIFFERENT COLOURS & SIZES

|                 |  |
|-----------------|--|
| Depths:         | 35 mm   50 mm  |
| Openings:       | 30 x 350 mm every 100 mm                                       |
| Sizes:          | 800 x 1200 mm   1000 x 1200 mm                                 |
| Weight:         | 35 mm: $\pm 8 \text{ kg/m}^2$   50 mm: $\pm 11 \text{ kg/m}^2$ |
| Cells:          | 50 x 100 mm  |
| Wall thickness: | 3.5 mm   |
| Material:       | PP COPO<br>Recycled   Near to Prime                            |

|              |   |
|--------------|---|
| Packaging:   | 35 mm: 30 pcs/pallet<br>50 mm: 20 pcs/pallet            |
| Temperature: | Between - 20°C and + 50°C<br>(continuously operational) |

Recycling code:



## SPECIFICATIONS

Paneltim® Venti® panels have a row of incorporated vertical openings. The openings are 30 mm wide, 350 mm long and are distanced 100 mm apart. They are highly suitable for housing calves, pigs, sheep, goats, etc. in order to promote airflow.

They are also compatible with the extremely corrosive environment of a farm (manure, urine, high humidity, etc.) because they are resistant to practically all chemical substances. Furthermore, the internal cell structure makes the panels highly resistant to dynamic shock. Pen partitions, calf pens, etc. made with Paneltim® Venti® panels are easy to clean and therefore increase the internal biosafety of your barn.

## IMPORTANT REASONS FOR CHOOSING PANELTIM® VENTI® PANELS

### Better air circulation

The openings in the Venti® panels improve air circulation in barns. Animals clearly enjoy the air flowing through the openings in pen partitions and corridor walls in which Paneltim® Venti® panels have been incorporated.

### Stress reduction through visual contact

Using Venti® significantly diminishes the 'cabinet' effect. This reduces stress in the animals. The animals can see each other, but have little or no physical contact because the narrow openings start halfway up the panel. This also reduces the risk of germ transfer between the animals.

### Managing dunging behaviour

Pigs are social animals. Due to the possibility of having visual contact, they naturally seek each other's company at the Venti® panels, which is also where they defecate and urinate. A partially warm and cold floor or closed and open floor can be incorporated into the pen partitioning.

### Optimal hygiene

The internal cell structure of Paneltim® panels ensures that all sides of the panel are always closed (even when cut to size). The internal accumulation of dirt, fungi or bacteria is therefore not possible. The surface is also smooth, non-absorbent, and water and dirt repellent. The panels can quickly and easily be cleaned with water under high pressure. As a result, Paneltim® panels contribute to improving the internal biosafety of your barn.

### Light, yet strong

Due to the internal cell structure of 50 x 100 mm or 50 x 50 mm, Paneltim® panels are light, yet very strong. They are therefore very shock-resistant. Furthermore, the panels do not discolour when they come into contact with ammonia.

### Straightforward processing and quick assembly

Paneltim® panels can be placed with standard hand tools such as saw, drill, screws and by milling and welding. The panels can be welded to various sizes. You can also combine Venti® panels with standard Paneltim® panels and other materials. Large objects created in this way can still be handled surprisingly easily due to the light weight of the panels themselves.

### Ecological

Paneltim® Venti® panels are often produced with 100% recycled raw materials (PP COPO). The panels are in all cases 100% recyclable and retain their raw material value. They do not contain hazardous substances and meet EU Directive 2002/95/EG.

## CUSTOMISATION

Venti® panels can be cut to size with variable heights by hot mirror welding. The number of openings can also be adapted upon request. A custom-made combination panel consisting partly of closed panels and partly of Venti® panels can be supplied in one piece. In this way, you have a quick and easy solution for managing the dunging behaviour of your animals.



## MATERIAL

Paneltim® plastic panels are made of polypropylene copolymer (PP COPO) and are coloured throughout.

The characteristics of PP COPO are that it is very strong, wear-resistant and easy to clean. With a high-pressure cleaner you can clean the Venti® panels in no time at all.

The smooth surface of the panels is non-absorbent, water and dirt repellent, and dries quickly, ideal for animal housing.



## PANELTIM® VENTI® IN 50 MM DEPTH

Paneltim® Venti® panels in 50 mm depth have been a fixture in pigsties and calf pens for 20 years. They are also used for many other applications, such as for providing more daylight in dog kennels.



## PANELTIM® VENTI® IN 35 MM DEPTH

**The 35mm Venti® panels are a new addition**

**to the range.** These panels are ideal for housing smaller animals like piglets, calves, sheep, goats, etc. The panels can be used in different ways depending on the needs of modern barns.

### Extra flexibility due to internal double rib

The 35 mm Venti® panels have an internal 'double rib' with just enough room for a saw blade. This makes it possible to separate the closed part from the part with the openings. The separate parts have a closed edge which prevents the internal accumulation of dirt and bacteria. This offers enormous flexibility because you can make even more combinations without losing any material. After all, you can use any residual material elsewhere in your barn.

## A SELECTION OF THE POSSIBILITIES OF 35 MM PANELTIM® VENTI®:



### BENEFIT:

- Maximum visual contact with minimum physical contact
- Stress reducing



### BENEFIT:

- For even the smallest of piglets
- Visual contact and management of dunging behaviour from the very start



### BENEFIT:

- More airflow
- Less stress
- More control of dunging behaviour



### BENEFIT:

- Ideal for warm countries
- More airflow
- Openings at the bottom prevent rust

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