PANELTIM®

Lightweight Structural Plastic Panels

Paneltim®
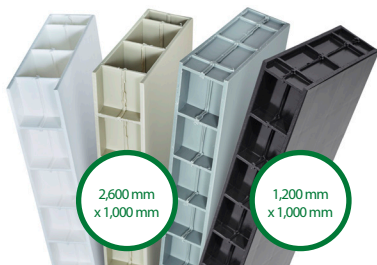## Construction panels

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Paneltim® Construction panels

Paneltim® Multipower

Properties

- Paneltim® Multipower panels are the strongest and most robust panels in the product range.
- The outer perimeter cells of the 2.6 m x 1.0 m panels have a width of 25 mm. This permits joining panels with minimal material loss (2%) during butt welding.

Colours

Specifications

Thickness:	50 mm
Cells:	50 mm x 50 mm
Dimensions:	2,600 mm x 1,000 mm
	1,200 mm x 1,000 mm
Weight:	2,600 mm x 1,000 mm: ± 13 kg/m²
	1,200 mm x 1,000 mm: ± 12 kg/m²
Wall thicknesses:	2,600 mm x 1,000 mm: ± 4.5 mm
	1,200 mm x 1,000 mm: ± 3.5 mm
Materials:	• PP Copo Polypropylene copolymer
	• HDPE High-density polyethylene

More information:

Paneltim® Lightweight

Properties

- Paneltim® Lightweight panels are lighter than the Multipower. Even though they are light in weight they have excellent rigidity and deflection resistance properties.
- Panels measuring 1,200 mm x 800 mm and 1,200 mm x 1,000 mm always have a double rib (cross) in the centre. They are therefore easily turned into panels with heights of 40 cm, 50 cm or 60 cm.

Specifications

Thicknesses:	50 mm | 20 mm
Cells:	100 mm x 50 mm
Dimensions:	2,600 mm x 1,000 mm (50 mm)
	1,200 mm x 1,000 mm (50 and 20 mm)
	1,200 mm x 800 mm (50 and 20 mm)
Weight:	50 mm: ± 10 kg/m²
	20 mm: ± 8 kg/m²
Wall thickness:	3.5 mm
Materials:	• PP Copo Polypropylene copolymer
	• HDPE High-density polyethylene

More information:

Colours

Paneltim® Ultralight

Properties

- By virtue of the 100 mm x 100 mm cell structure Paneltim® Utralight is the lightest Paneltim® option.
- The double ribs allows you to easily saw the panel into various standard sizes while the edges remain closed.

Colours

Specifications

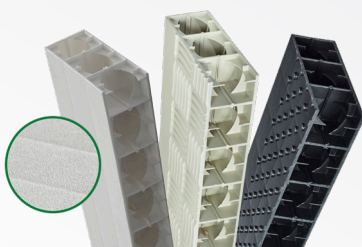|	
Thickness:	35 mm
Cells:	100 mm x 100 mm
Dimensions:	1,200 mm x 1,000 mm
	1,200 mm x 800 mm
Weight:	± 8.2 kg/m²
Wall thicknesses:	3.5 mm
Materials:	• PP Copo
	Polypropylene copolymer
	• HDPE
	High-density polyethylene

More information:

Paneltim® Antislip

Properties

- The three types are light, strong and closed on all sides, making them easy to clean.
- Tests demonstrate that all anti-slip panels have high surface roughness, both under wet and dry conditions.
- Due to their high surface roughness, they are suitable as floor elements in corridors, walkways and on stairs, as well as for covers.

Specifications

Structures:	Five bars | Studs | Orange peel
Thickness:	50 mm
Cells:	50 mm x 50 mm
Dimension:	1,200 mm x 1,000 mm
Weight:	± 12 kg/m²
Wall thickness:	3.5 mm
Material:	PP Copo
	(Polypropylene copolymer)

Colours

More information:

REASONS TO CHOOSE PANELTIM®

LIGHT
Thanks to their hollow cell structure, Paneltim® panels are very light, while retaining their sturdiness and rigidity. This not only facilitates the processing of the panels, but also lowers the costs of transport and installation.

STRONG
Thanks to their internal cell structure, Paneltim® panels are extremely strong. The cells ensure that the panels have excellent bending resistance in all directions.

HYGIENIC
Paneltim® panels are resistant to many chemicals, repel dirt and are easy to clean with a high-pressure cleaner. Thanks to the closed cell structure, dirt has no chance to penetrate into the panels.

SIMPLE PROCESSING
Standard Paneltim® panels can be processed to all desired dimensions thanks to different welding techniques or mechanical connections. The panels are also easily processable with traditional actions such as sawing, drilling, screwing ...

100% RECYCLABLE
Paneltim® panels are 100% recyclable. They are free of toxic substances.

DID YOU KNOW THAT PANELTIM® PANELS...

...OFFER ENORMOUS FLEXIBILITY?
The panels are welded together quickly and easily so that any desired dimension can be created. Both in the workplace and on site.
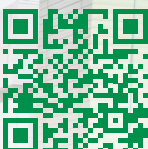
...ARE INSULATED?
Paneltim® panels are filled with air on the inside and therefore perform well in terms of thermal insulation in comparison with similar products. Air has a high thermal resistance. This insulation effect can be compared with the principle of a cavity wall or double glazing.

...ARE ALSO AVAILABLE WITH UV STABILISERS?
Paneltim® prime quality panels are always UV-stabilised and can be used outdoors. **We always recommend using light colors with UV stabilization for outdoor applications.**

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