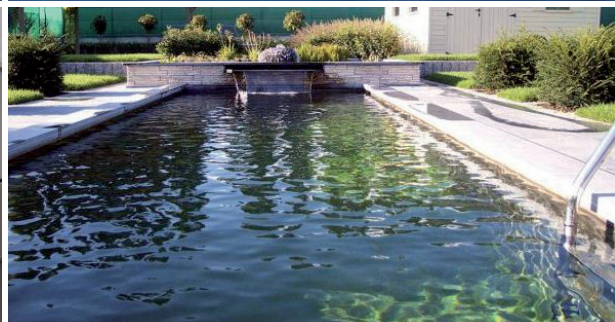
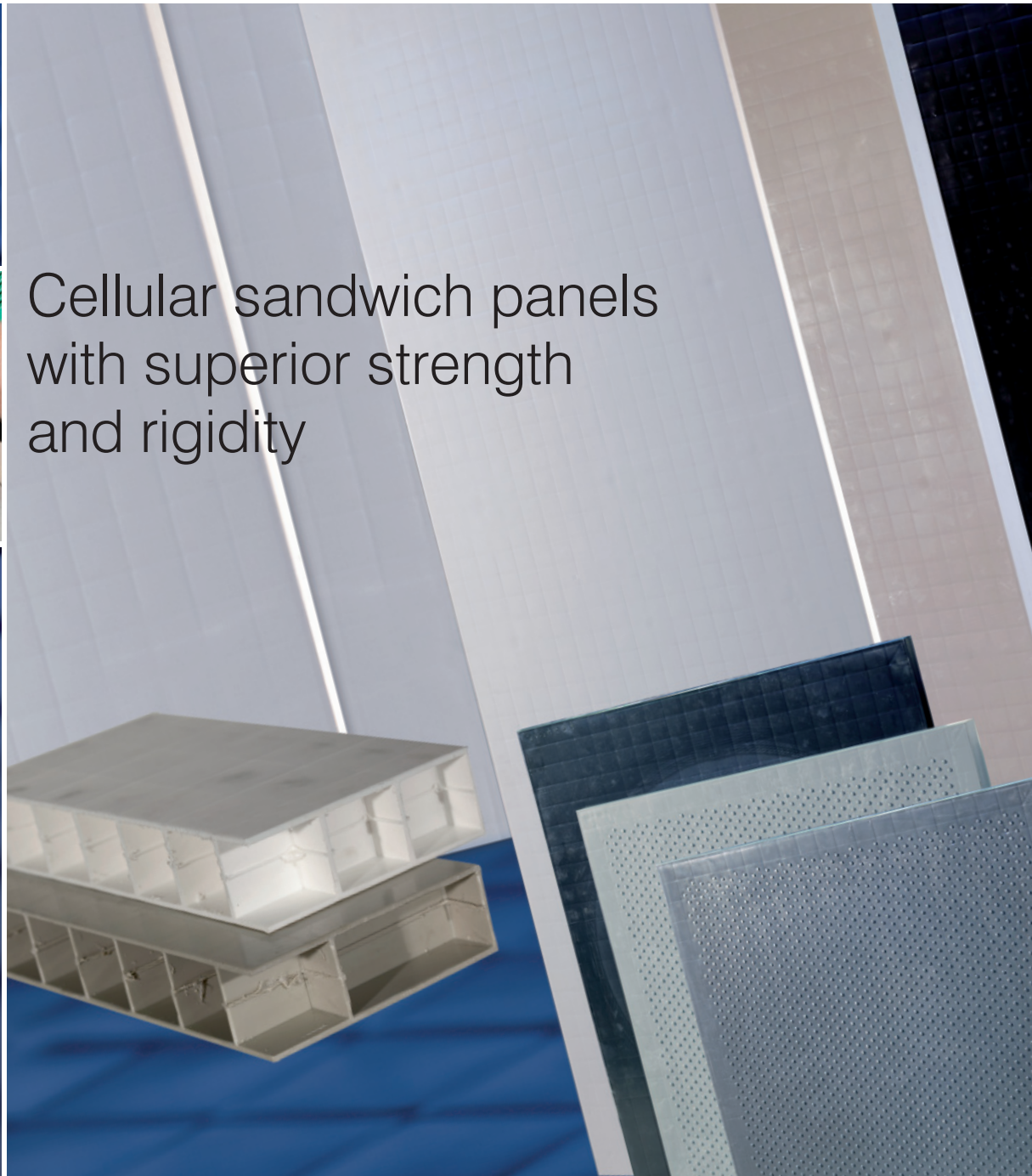
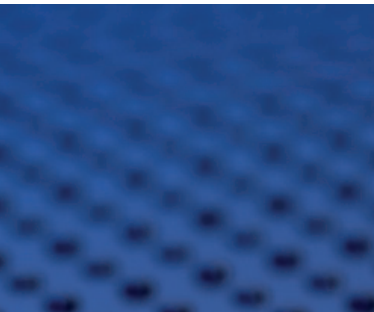
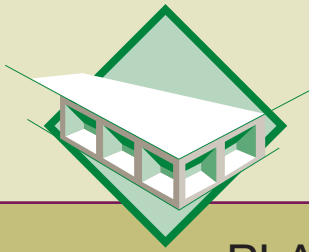


PANELTIM[®]

PLASTIC PANELS & GRIDS

Cellular sandwich panels
with superior strength
and rigidity





PANELTIM®

PLASTIC PANELS & GRIDS

Precision plastics for a changing world

Paneltim® is a unique plastic product introduced to the Australian market by Jenso – the new name in plastics.

Superior strength

Paneltim® panels are light, yet solid and rigid making them ideal for fabricated constructions. The sandwich panels are just 51mm thick yet they are rigid in both length and width.

The internal cellular structure, with ribs of either 50 x 50mm or 50 x 100mm, gives the sheets superior strength. Fabrications made from Paneltim® panels require very little reinforcement compared with those made from solid materials.

A wide range of applications

Paneltim® panels are very stable both statically and dynamically and can be installed in a wide range of environments.

They are also ideal for corrosive environments and are completely resistant to practically all chemical substances. The panels are suitable for application in environments with temperatures of between -20 °C and +80 °C. In addition, the panels are impact resistant, scratch resistant and highly resistant to dynamic shocks.

Hermetically Sealed

The hermetically sealed internal cells provide exceptional insulating and acoustic properties and remain sealed in the event of a single-sided penetration or puncture.

The sealed cells and smooth surfaces repel dirt, moisture and aggressive chemicals making Paneltim® structures hygienic and easy to clean. There is no risk of internal condensation developing inside the sheets.

Environmentally responsible

Paneltim® panels are an environmentally friendly product manufactured from new and recycled polypropylene and polyethylene. The panels are fully recyclable without loss of original raw material qualities.

They are free of toxic substances and conform with European directive 200/09/EC.

Durable materials

Paneltim® panels show no ageing discolouration and no discolouration from contact with ammonia compared with other plastics.

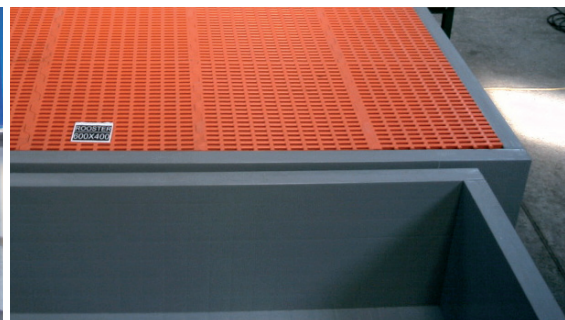
UV stabilisation is available and fire retardant* can be added to improve flame resistance.

Once the panels are in place there is very little long-term maintenance.

Custom made & delivered

Paneltim® panels can be fabricated to specification. Standard sheets can be butt-welded together to create panels of almost unlimited dimensions. Sheets can be purchased singularly or in pack quantities of twenty (20). Delivery is available anywhere.

**Minimum quantities are required for the inclusion of fire retardant; manufacturing lead-times may apply.*



world

Versatile uses

Paneltim® applications are almost limitless. Some notable uses include:

- Tanks (above and in-ground)
- Pickling tanks
- Fume scrubber housings
- Hygienic wall cladding and partitioning, especially in wet areas
- Cabin constructions
- Shower and toilet cubicles
- Site sheds and portable buildings
- Floors, walls and partitions for animals pens for pigs, sheep, calves, dogs and cats
- Non-supporting partitions
- Sliding and swinging doors
- Swimming pools
- Trailer construction
- Sports ground siding and publicity panels
- Machinery and equipment housings
- Floating pontoons
- Bathing boxes

Standard dimensions

Panel dimensions:

2600 x 1000 x 51mm thick

1200 x 1000 x 51mm thick

27mm thick (split) panels are

available upon request but minimum delivery lead-times may apply.

Made-to-order dimensions

(butt welded)

max 4 metres width

max 12 metres length

Colours

Standard colours:

Polypropylene (PP):

Beige, White, Black

Polyethylene (HDPE):

Black

Other colours are available upon request but minimum quantities and delivery lead-times may apply.

Panel weight & operation temperature



50/100: 10kg/m²

50/50: 13kg/m²



-20° C to +80° C



PP



HDPE



Make your work easier

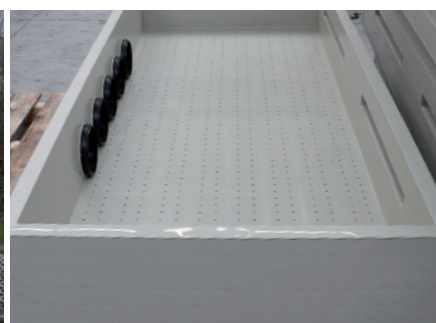
Paneltim® is a lightweight, sandwich panel with an internal honeycomb cell structure that has superior strength and rigidity and requires little reinforcement.

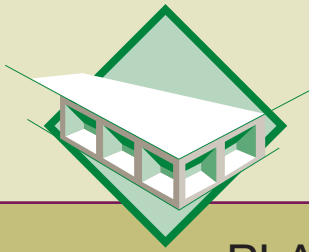
Paneltim® panels and grids are easy to fabricate and weld for all kinds of structures.

Paneltim® panels are cost competitive and available in a range of colours in both PP and HDPE.

Paneltim® is manufactured using the latest injection moulding, compression moulding and mirror welding techniques, which are monitored through continuous quality control.

Paneltim® – change the way you work





PANELTIM®

PLASTIC PANELS & GRIDS

Modular flooring system

Paneltim® has developed an easy-to-install modular flooring system with a sophisticated self-anchorage hook device that interlocks the flooring slats in both width and length.

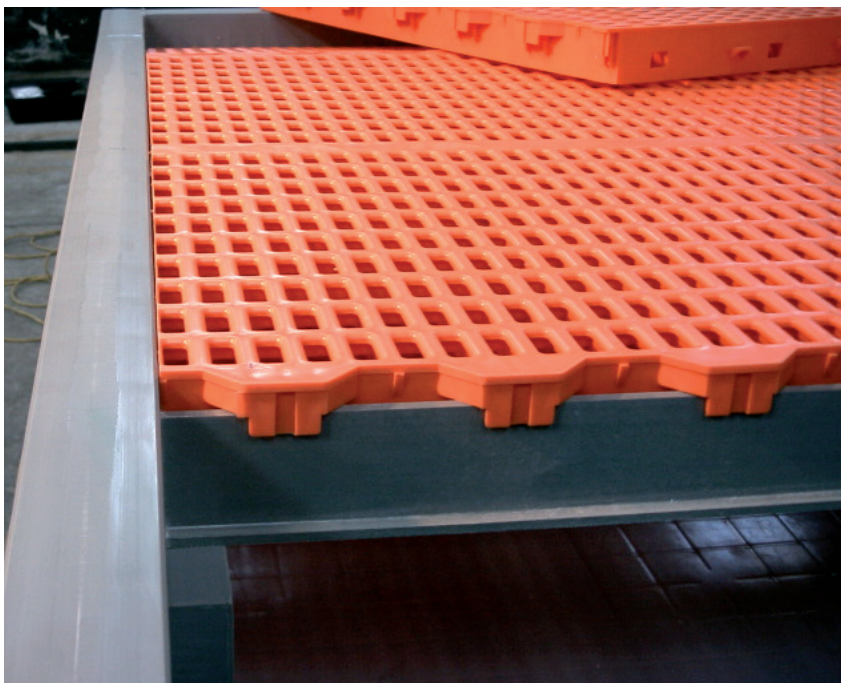
The flooring slats are supported on evenly spaced composite fibreglass support beams and will carry loads of up to 250kg/m² at a maximum deflection of 0.5%.

Manufactured from solid polypropylene copolymer, the modular flooring system displays high rigidity

and is shock resistant. This animal and environmentally friendly product is both hygienic and 100% recyclable and is designed to be self-cleaning.

The product is absolutely resistant to the majority of chemical substances, mould, bacteria and disinfectants and is not affected by corrosion or decay.

The self-anchoring system with its sophisticated linkage device can be installed simply and quickly without any tools on a substructure of supporting laths mounted every 400 or 500mm.



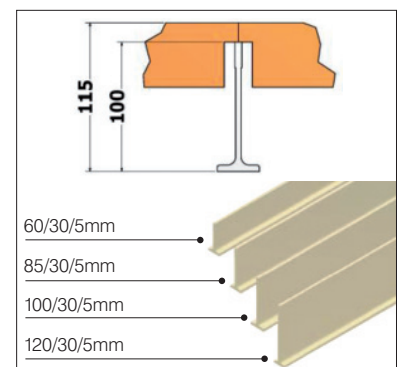
Composite support rails



Self anchoring system



Can be installed simply & quickly without any tools



A stable & strong design

Jenso introduces a new range of specialised plastic products to Australia. We are committed to extending the use of plastics across industry.

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JENSO
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