

**SMARTBAR SPECIALTY PRODUCTS RANGE**

# **PRODUCT SPECIFICATION SHEET**

**MODULAR PONTOON SYSTEM**



# MODULAR PONTOON SYSTEM

**PRODUCT CODE: REFER MATRIX**



Our Modular Pontoon System is a smart, lightweight structure which with its 1m modular design allows for almost limitless configurations. The system is made up of two major components, the deck and the pontoon base.

The deck is a roto-moulded Linear Low Density Polyethylene (LLDPE) that is perfectly suited to its marine application. The part maintains an exceptional balance of stiffness and toughness, is highly resistant to chemicals and environmental stress cracking (ESC).

The base is made from the same LLDPE material with added polyethylene re-grind particles for additional strength and rigidity. This increases the resistance to impact. Unlike the deck, the base is foam filled to ensure that should the skin of the base be broken, it won't fill with water; keeping you afloat in most situations.

Easy and economical to transport, our decks come with a 10 year warranty against UV degradation and can accommodate optional components such as ladders, hand rails and pile guides. There's no job too big or too small, we have the capacity and ability to cater jobs to your needs; and have extensive expertise with complex, large scale installations.

With almost endless design possibilities and even customisable standard parts or components, our team can design the right modular pontoon solution for your project.

## FEATURES

- › Textured, non-slip surface on the deck
- › Foam filled Pontoon base
- › Virtually unsinkable design
- › Easy to install
- › 10 year Warranty against UV degradation
- › Channel between deck and base to allow for service cables (such as power)
- › Extra float available to provide extra buoyancy and 94kg load capacity
- › Material used has been formulated to pass the UV requirements of AS/NZS 4766:2006
- › Ladders, cleats, fenders, hand rails and other accessories also available

## MOORING

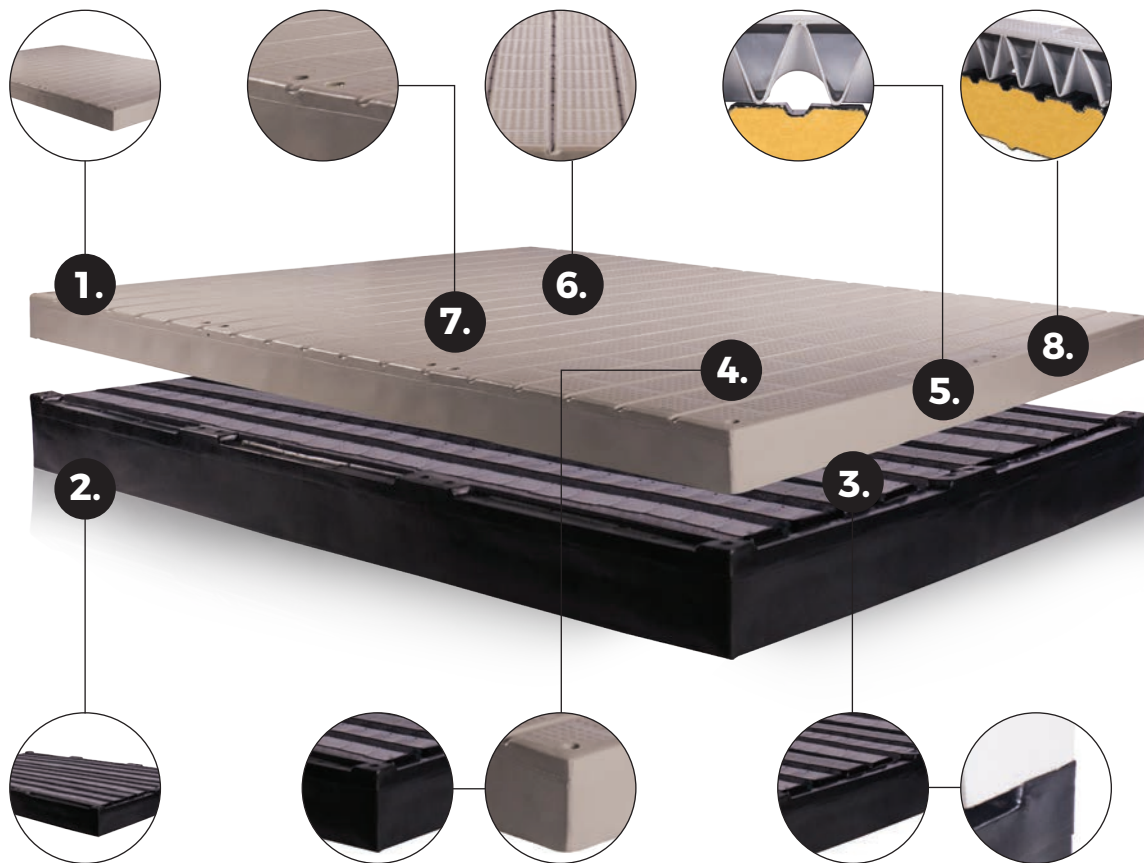
For Mooring advice, we recommend that you talk to your installer regarding the most appropriate mooring system to suit your needs

## ACCESSORIES

See overleaf

# ASSEMBLY EXPLAINED

## MODULAR PONTOON SYSTEM



### FEATURE LOOK UP

#### 1. Pontoon Deck

Roto-moulded  
Polyethylene

#### 2. Pontoon Base

Foam filled, roto-moulded  
Polyethylene combined  
with reground for added  
strength and durability

#### 3. Moulded Nutserts

40 x M10 locations used  
to attach accessories to  
Pontoon Base, such as  
Joiner Plates

#### 4. Moulded Screw Holes

16 x M12 locations used  
to joining the pontoon and  
base together

#### 5. Services Channel

Service cables for things  
such as power are  
accommodated via a  
channel under the deck

#### 6. Non Slip Surface

The moulded non-slip  
surface is durable and  
effective without being  
harsh on bare feet

#### 7. Mount/Cleat Location

8 x locations used to  
join the pontoon and  
base together, or to  
house cleats

#### 8. In Mould Ribs

Underside detail of  
Pontoon is constructed to  
provide additional rigidity  
and support






## PRODUCT MATRIX: FOAM FILLED PONTOON BASE

Colour Available 

SIZE	CODE	DESCRIPTION
1 M x 1 M	TP6872	Pontoon Base, Foam Filled
2 M x 1 M	TP6889	Pontoon Base, Foam Filled
3 M x 1 M	TP6896	Pontoon Base, Foam Filled
3 M x 2 M	TP6902	Pontoon Base, Foam Filled
3 M x 2 M	TP19186	Pontoon Base, Foam Filled w/ Bottom Nut Serts

## PRODUCT MATRIX: PONTOON DECK WITH 316 SS HARDWARE

Colour Available   

SIZE	CODE	DESCRIPTION
2 M x 1 M	TP20687	Pontoon Deck, Birch Grey
2 M x 1 M	TP20595	Pontoon Deck, River Gum
2 M x 1 M	TP20779	Pontoon Deck, Slate Grey
3 M x 1 M	TP20656	Pontoon Deck, Birch Grey
3 M x 1 M	TP20564	Pontoon Deck, River Gum
3 M x 1 M	TP20748	Pontoon Deck, Slate Grey
3 M x 2 M	TP20427	Pontoon Deck, Birch Grey
3 M x 2 M	TP20625	Pontoon Deck, River Gum
3 M x 2 M	TP20717	Pontoon Deck, Slate Grey

## PRODUCT MATRIX: PONTOON DECK WITH GALVANISED HARDWARE

Colour Available   


SIZE	CODE	DESCRIPTION
2 M x 1 M	TP20663	Pontoon Deck, Birch Grey
2 M x 1 M	TP20571	Pontoon Deck, River Gum
2 M x 1 M	TP20755	Pontoon Deck, Slate Grey
3 M x 1 M	TP20632	Pontoon Deck, Birch Grey
3 M x 1 M	TP20540	Pontoon Deck, River Gum

## PRODUCT MATRIX: PONTON DECK WITH GALVANISED HARDWARE [ CONT. ]

Colour Available   

SIZE	CODE	DESCRIPTION
3 M x 1 M	TP20724	Pontoon Deck, Slate Grey
3 M x 2 M	TP20601	Pontoon Deck, Birch Grey
3 M x 2 M	TP20526	Pontoon Deck, River Gum
3 M x 2 M	TP20694	Pontoon Deck, Slate Grey

## PRODUCT MATRIX: PONTON DECK GANGWAY KIT

Colour Available   

SIZE	CODE	DESCRIPTION
2 M x 1 M	TP20670	Pontoon Deck Gangway Kit, Birch Grey
2 M x 1 M	TP20588	Pontoon Deck Gangway Kit, River Gum
2 M x 1 M	TP20762	Pontoon Deck Gangway Kit, Slate Grey
3 M x 1 M	TP20649	Pontoon Deck Gangway Kit, Birch Grey
3 M x 1 M	TP20557	Pontoon Deck Gangway Kit, River Gum
3 M x 1 M	TP20731	Pontoon Deck Gangway Kit, Slate Grey
3 M x 2 M	TP20618	Pontoon Deck Gangway Kit, Birch Grey
3 M x 2 M	TP20533	Pontoon Deck Gangway Kit, River Gum
3 M x 2 M	TP20700	Pontoon Deck Gangway Kit, Slate Grey

## PRODUCT MATRIX: ACCESSORIES [ MOULDED POLY COMPONENTS ]

CODE	DESCRIPTION
TP7404	Extra Float
TP7411	Fender Kit

## PRODUCT MATRIX: ACCESSORIES [ FABRICATED COMPONENTS ]

CODE	DESCRIPTION
TP18905	Abutment Hinge, Galvanised
TP20960	Abutment Hinge Cover Plate, Aluminium
TP10213	Cleat Kit, 316 Stainless Steel
TP10183	Cleat Kit, Galvanised
TP10022	Hand Rail (1m), Galvanised
TP10220	Hand Rail (2m), Galvanised
TP10237	Hand Rail (3m), Galvanised
TP50848	Hinge Kit (1m), includes 2 x Hinges and a 1m Rubber Strip
TP11524	Hinge Kit (2m), includes 4 x Hinges and a 2m Rubber Strip
TP27914	Hinge Kit (3m), includes 6 x Hinges and a 3m Rubber Strip
TP10077	Joiner Kit, Galvanised
TP10084	Joiner Kit, 316 Stainless Steel
TP10053	Ladder (Long), Galvanised
TP10060	Ladder (Long), 316 Stainless Steel
TP10039	Ladder (Short), Galvanised
TP10046	Ladder (Short), 316 Stainless Steel
TP10190	Mooring Chain Attachment Kit (Corner), Galvanised
TP10008	Mooring Chain Attachment Kit (Left Hand), Galvanised
TP20885	Mooring Chain Attachment Kit (Left Hand), 316 Stainless Steel
TP10015	Mooring Chain Attachment Kit (Right Hand), Galvanised
TP20878	Mooring Chain Attachment Kit (Left Hand), 316 Stainless Steel
TP10107	Mooring Chain Attachment Kit (Double), Galvanised
TP22926	Mooring Chain Attachment Kit (Double), 316 Stainless Steel
TP11531	Pile Guide Kit, Galvanised. Kit includes a 2" Pile
TP10206	Pile Guide 200mm Small Universal, 316 Stainless Steel
TP10299	Pile Guide 200mm Small Universal, Galvanised
TP20939	Pile Guide (External) Medium Diameter, Aluminium
TP20946	Pile Guide (External) Small Diameter, Aluminium
TP20908	Pile Guide (Internal), 316 Stainless Steel
TP20915	Pile Guide (Internal) Small Diameter, Galvanised
TP20922	Pile Guide (Internal) Cover Plate, Aluminium
TP20953	Support Pad Kit, High Density Polyethylene