

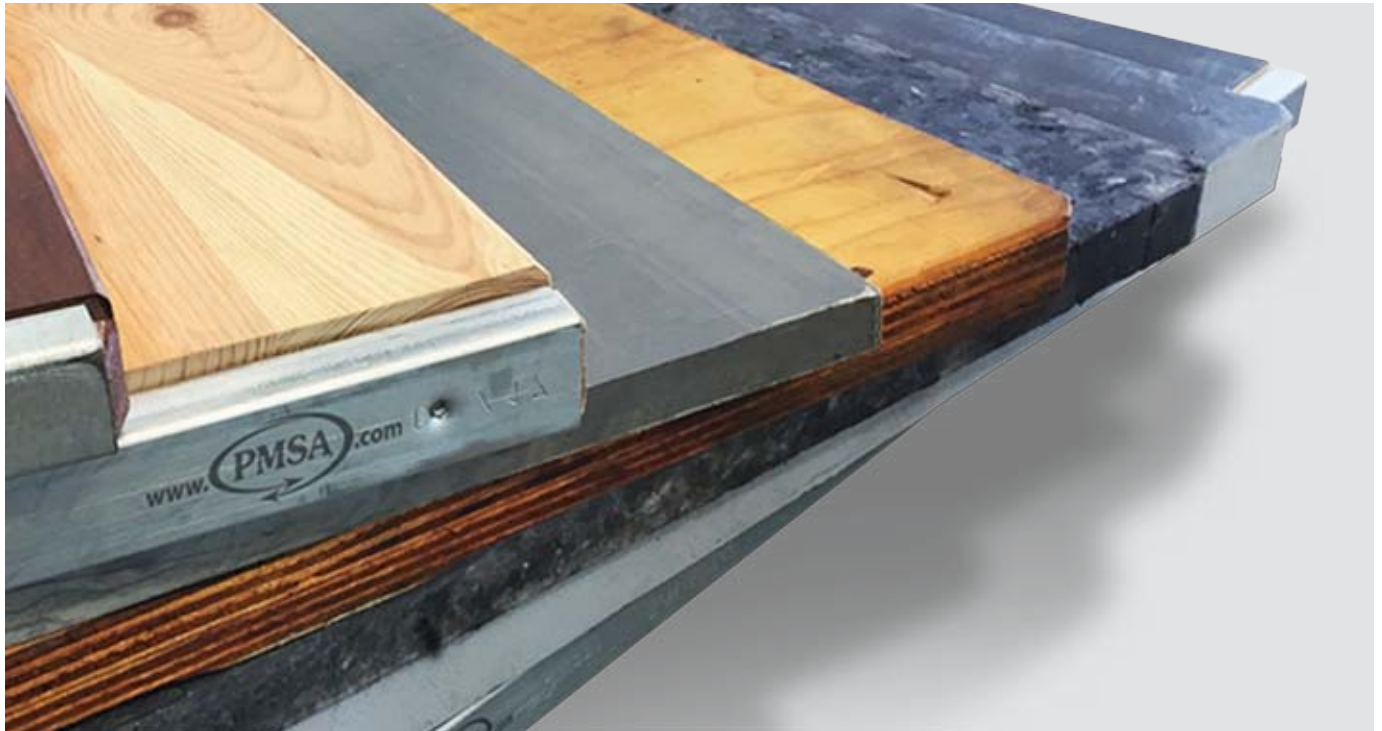


**Concrete Equipment**  
Solutions and Technology

# PRODUCTION BOARDS

For Brick, Block and Paver Making Plants

## TECHNICAL SPECIFICATION SHEET:



### SUMMARY

PMSA supplies a full range of premium quality production boards and treatment equipment for the brick, block and paver making industry.

To achieve the lowest cost of operation the correct production board must be matched to your machine and the product type being produced. PMSA clients have seen up to 20% cement savings, faster vibration times and better quality finished concrete products by using the correct production boards.

PMSA's range of production boards:

- PMSA-FTC™ (Fibre-reinforced, Thermoplastic Composite) production boards
- Wood production boards (kiln-dried solid wood: red pine, spruce or larch)
- Wood-plastic composite production boards (wood inner core with hardwearing plastic surface)
- Steel production boards (solid or hollow core)
- Laminated production boards (pine wood with marine glue)

### FEATURES AND BENEFITS

#### PMSA-FTC™ PRODUCTION BOARDS

- High density, fibre-reinforced, thermoplastic composite production board allows for:
  - High vibration energy transmission giving higher density end-products.
  - Cement savings.
  - Reduced end-product rejects.
  - Reduced production cycle times.
  - High wear resistance resulting in longer life of the production board.
  - Waterproof and rot resistant.
- Flat and smooth finished board contributes to neatly formed end-products.
- Reduced breakages and cracking of production boards due to high-impact resistance.
- Due to solid construction the production board cannot delaminate.
- Standard FTC™ production boards are ideal for a gantry product-handling system.
- Optional steel C-profile, front and back, available for edge protection.
- With imbedded optional steel C-profile, the boards can be used in curing

chambers.

- New production boards can be used immediately.
- Production boards are thinner than traditional wooden production boards.
- PMSA FTC™ boards are available for most OEM brick, block and paver making machines.

#### Production board treatment

- No treatment required.

#### UPPLUS® WOOD PRODUCTION BOARDS

- Kiln dried for optimum moisture in the production board, ensuring it is correctly matched to the production environment.
- Multiple dovetail joints ensure board strength and rigidity.
- Knots drilled, plugged and glued to ensure defect-free surface.
- Sanded surface for a flat, smooth finished board.
- Treated surfaces ensure longevity.
- Galvanised C-profile for edge protection.
- C-profile is secured with a single centre rivet and punched at ends, allowing

the wood to move freely according to moisture conditions.

- Extremely high load-bearing strength ideal for gantry or curing chambers.
- New production boards can be used immediately.

#### Production board treatment

- UPplus® is a biodegradable release agent enabling concrete products to be easily removed.
- UPplus® emulsion used at regular intervals enhances longevity.
- UPplus® prevents mould and fungus growth.

#### UPADVANCED™ WOOD-PLASTIC COMPOSITE PRODUCTION BOARDS

- Patented board with kiln-dried wooden core and hard-wearing plastic outer layer allows for:
  - Good vibration energy transmission giving higher density end-products.
  - Cement savings.
  - Reduced end-product rejects.
  - Reduced production cycle times.
  - High wear resistance resulting in longer life of the production board.
- Joint-less, flat and smooth finished board contributes to neatly formed end-products.
- Increased board stiffness due to

individually bonded planks (high load-bearing strength).

- Waterproof bonding of individual planks contributes to increased board life.
- Galvanised C-profile for edge protection.
- Production boards can be used for a gantry product-handling system and curing chambers.
- New production boards can be used immediately.
- Production boards are available for most OEM brick, block and paver making machines.

#### Production board treatment

- UPplus® is a biodegradable release agent enabling concrete products to be easily removed.
- UPplus® emulsion used at regular intervals enhances longevity.
- UPplus® prevents mould and fungus growth.

#### STEEL PRODUCTION BOARDS

- Suitable for large and ultra-large capacity brick, block and paver making machines.
- Durable and long lasting.
- Recyclable at end of life.
- Good end-product strength.

- Good vibration transmission for high density end-products.

#### Production board treatment

- Wire brush cleaning required to keep surface free of concrete.
- Release agents required for easy removal of end-products.

#### LAMINATED PRODUCTION BOARDS

- Laminated kiln-dried wooden production boards allow for a cost effective solution.
- Flat sanded finished board.
- Increased board stiffness due to laminated construction.
- Waterproof bonding of individual layers contributes to increased board life.
- Production boards can be used for a gantry product-handling system and curing chambers.
- New production boards can be used immediately.
- Production boards are available for all OEM brick, block and paver making machines.

#### Production board treatment

- Boards need to be regularly treated with a wax solvent-based solution.



Supplied by PMSA in South Africa. Our professional and experienced technical support team will provide you with the assistance you require. Our comprehensive spare parts facility enables us to provide immediate dispatch globally. E&OE. [Rev\_2\_2021]

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