



**Concrete Equipment
Solutions and Technology**

CONCRETE WET-CAST PAVING PLANTS

TECHNICAL SPECIFICATION SHEET:

SUMMARY

PMSA supplies a comprehensive range of concrete wet-cast plants and moulds to meet customer requirements for new or existing wet-cast production plants.

Our wet-cast plants provide a low cost of operation, consistency, accuracy and repeatability in producing high quality wet-cast paving end-products, including cobblestone, flagstone and coping.

PMSA has partnered with Pavatile™, leaders in concrete wet-cast paving technology. The Pavatile™ wet-cast method produces high-definition, realistic looking simulated sandstone or granite finishes. We offer a variety of different moulds to produce paving products from 100 mm x 100 mm to 400 mm x 400 mm.

Our wet-cast moulds can be used to produce high quality end-products for residential, commercial and industrial projects:

Residential projects:

An extensive selection of concrete paving products can be manufactured for residential projects, including pavers around pools, walkways, driveways, steps and patios.

Commercial projects:

A selection of pavers can be manufactured for public spaces, car parks, shopping centres, residential estates and paved roads. We also provide permeable paving solutions.

Industrial projects:

A collection of products specially designed for industrial and run-off areas has been developed. We offer a range of moulds for industrial roads, kerbing, traffic circles, factories as well as permeable paving solutions.

FEATURES AND BENEFITS

The features and benefits of Pavatile™ wet-cast plants and moulds include:

- Detailed moulds create wet-cast products with a realistic stone, sandstone or granite finish.
- Various designs and textures available for beautiful, highly detailed surfaces.
- Multiple surface finishes are used in each mould to ensure a natural look rather than repetition of the same pattern.



- Moulds are available in a variety of different sizes, from cobblestone (100 mm x 100 mm) to flagstone (400 mm x 400 mm).
- Wet-cast products complement ordinary paving products and can be used together for aesthetic purposes.
- To increase production, new moulds can be added as required.
- A broad range of moulds are available for residential, commercial and industrial applications.
- Produce an upmarket wet-cast paving product that delivers higher profit margins with similar input costs to manufacturing conventional paving.
- Pavatile™ moulds are self-supporting moulds that don't need costly support frames.
- Cleaning is easier as there is no build-up of material between frames and moulds.
- With a lifespan of up to 15 years, the moulds are rugged and long-lasting, even under harsh operating conditions.

OPTIONS

Our wet-cast plants are available with various options, including:

Batching plants

PMSA supplies full, custom-designed batching plants suited specifically to client and plant requirements, which may include:

- Weighing and batching of materials.
- Mixing of concrete.
- Transportation of wet concrete to the manufacturing line.

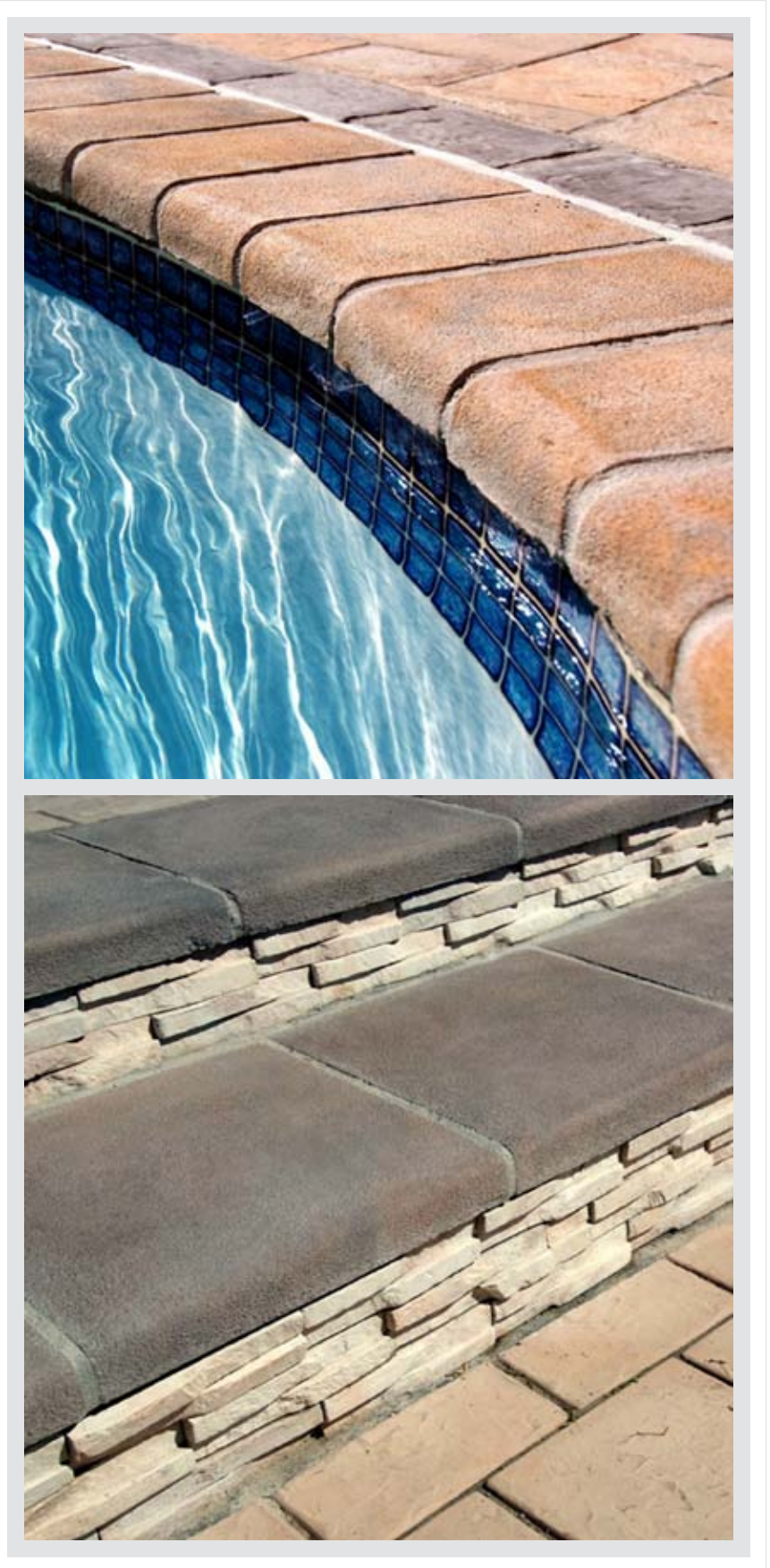
Curing solutions

PMSA supplies concrete curing solutions for wet-cast production plants. Curing solutions control relative humidity (moisture) and temperature within the curing chambers, creating optimal curing conditions, maximum strength gain, quick turnaround time on moulds, and minimised cement usage and breakages of wet-cast products.

Mould and product handling

The PMSA mould and product handling systems are adapted to suit various applications and production capacities for:

- Automated mould filling and transporting of moulds for manual packing into curing racks.
- Forklift transportation of curing racks to and from curing chambers.
- Automated mould stripping of cured products for higher productivity and fewer breakages.



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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