



MasterPel SP

Surface Treatment of Manufactured
Concrete Elements



MasterPel SP – Optimized Surface Treatment of Pavers

Concrete block pavers, with their variety of shapes and colors, are an element of the urban architecture and can largely contribute with their beauty to the appeal of a location.

Master Builders Solutions offers a range of products for the surface treatment of concrete paving elements, that enhance their beauty and help to preserve it. Thanks to the application of MasterPel SP on the surface, colored concrete paving solutions can claim more strongly their role as alternative to natural stone.

Product benefits at a glance		MasterPel SP 4000	MasterPel SP 5000	MasterPel SP 6000
	Improved color brilliancy	****	*	****
	Anti-efflorescence	****	—	***
	Hydro-repellency	***	****	****
	Oil-repellency	*	****	**
	Anti-soiling	*	****	***
	Easy-to-clean effect	*	****	***

* = mild

** = good

*** = very good

**** = excellent



See the Difference

Pavers treated with MasterPel SP (right) in comparison to untreated pavers (left)*

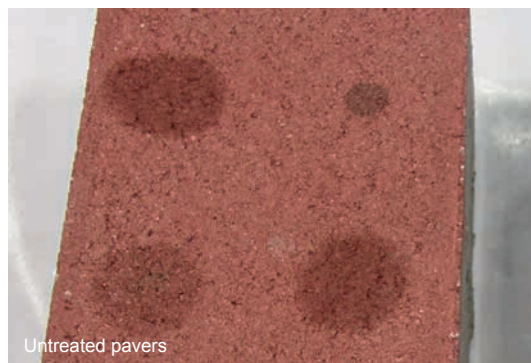
MasterPel SP 4000

- Glossy effect, depending on the application rate
- Film-forming



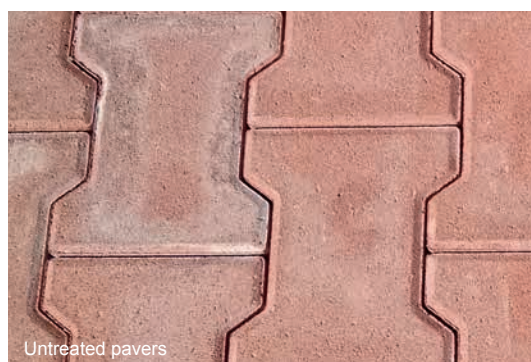
MasterPel SP 5000

- Matt, natural aspect
- Impregnating agent, non film-forming



MasterPel SP 6000

- Mild glossy effect
- Partially film-forming, partially impregnating
- MasterPel SP 6000 combines the properties of MasterPel SP 4000 and MasterPel SP 5000

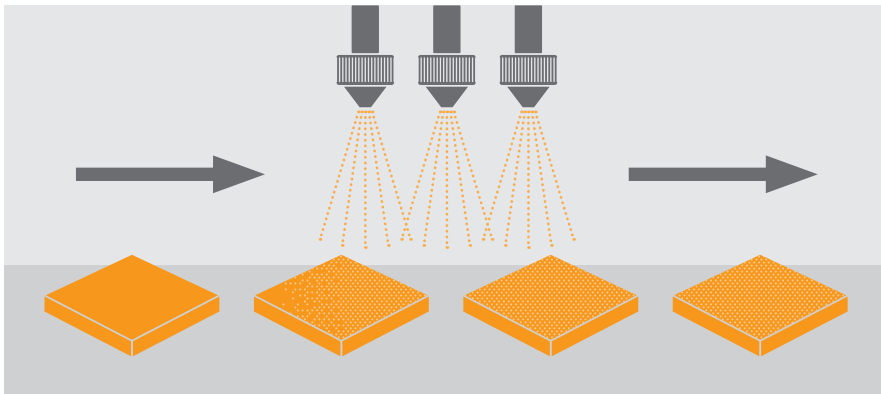


*Results depending on dosage applied and interaction with specific substrate



Application of MasterPel SP

Surface Treatment with MasterPel SP



The MasterPel SP products for surface treatment can be applied by sprayer or roller, either on the surface of the fresh elements, immediately after their compaction and stripping, or on hardened elements, after the curing stage.

To achieve optimal results, it is extremely important to ensure that the spraying system allows a homogeneous and even distribution of MasterPel SP on the surface of the elements.



Application and Durability

All products are suitable for surface application either on fresh or on hardened elements and are not to be used as admixtures in the bulk of concrete.

The durability of protection depends on the use destination and the stress the elements are subject to.



Total Protection

For the production of pavers and flags of superior quality, it is recommended to add the following admixtures in the concrete mix:

- Any product of the MasterCast series for improved *compactability* and higher splitting tensile strength (according to EN 1338)
- MasterPel 793 or MasterPel 708 for reducing water absorption (according to EN 1338), improving color brilliancy, and minimizing efflorescence



Contact us!

For recommendations regarding compatibility with other chemicals or building materials, please consult your local Master Builders Solutions Technical Advisor.



Master Builders Solutions

The Master Builders Solutions brand brings all of our expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry. The know-how and experience of a global community of construction experts form the core of Master Builders Solutions.

We combine the right elements from our portfolio to solve your specific construction challenges. We collaborate across areas of expertise and regions and draw on the experience gained from countless construction projects worldwide. We leverage global technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make you more successful and drive sustainable construction.

The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, solutions for underground construction, waterproofing solutions, sealants, concrete repair & protection solutions, performance grouts, performance flooring solutions and solutions for on- and offshore wind energy.

Our comprehensive portfolio

- Concrete admixtures
- Cement additives
- Chemical solutions for underground construction
- Waterproofing solutions
- Sealants
- Concrete repair and protection solutions
- Performance grouts
- Wind turbine grouts
- Performance flooring solutions





Master Builders Solutions for the Construction Industry

MasterAir

Complete solutions for air entrained concrete

MasterBrace

Solutions for concrete strengthening

MasterCast

Solutions for the manufactured concrete product industry

MasterCem

Solutions for cement manufacture

MasterEase

Low viscosity for high performance concrete

MasterEmaco

Solutions for concrete repair

MasterFinish

Solutions for formwork treatment and surface improvement

MasterFlow

Solutions for precision grouting

MasterFiber

Comprehensive solutions for fiber reinforced concrete

MasterGlenium

Solutions for high performance concrete

MasterInject

Solutions for concrete injection

MasterKure

Solutions for concrete curing

MasterLife

Solutions for enhanced durability

MasterMatrix

Advanced rheology control for concrete

MasterPel

Solutions for hydrophobization, anti-efflorescence and surface protection

MasterPolyheed

Solutions for mid-range concrete

MasterPozzolith

Solutions for water-reduced concrete

MasterProtect

Solutions for concrete protection

MasterRheobuild

Solutions for high strength concrete

MasterRoc

Solutions for underground construction

MasterSeal

Solutions for waterproofing and sealing

MasterSet

Solutions for set control

MasterSphere

Solutions for guaranteed freeze-thaw resistance

MasterSuna

Solutions for sand and gravel in concrete

MasterSure

Solutions for extraordinary workability retention

MasterTop

Solutions for industrial and commercial floors

Master X-Seed

Advanced accelerator solutions for concrete

Ucrete

Flooring solutions for harsh environments



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