Pervia
Permeable by design

Pervia CONCRETE TECHNOLOGY THAT PROVIDES OPTIMAL MANAGEMENT OF WATER DRAINAGE IN CONVENTIONAL AND STRUCTURAL PAVEMENTS

CONVENTIONAL (NON-STRUCTURAL)

KEY BENEFITS
> Improves drainage through unique design of water management system
> Reduces storm water run-off
> Is cost-effective:
  a) Accelerating construction
  b) Reducing pipe sections
> Increases water infiltration to preserve soil natural conditions
> Improves aesthetic appearance by prolonging color stability
> Provides workability retention up to at least 90 mins.

APPLICATIONS
> Alleys, sidewalks, pathways and swimming pool decks
> Parking lots and minor road strips
> Green walls

CONVENTIONAL APPLICATION

STRUCTURAL APPLICATION

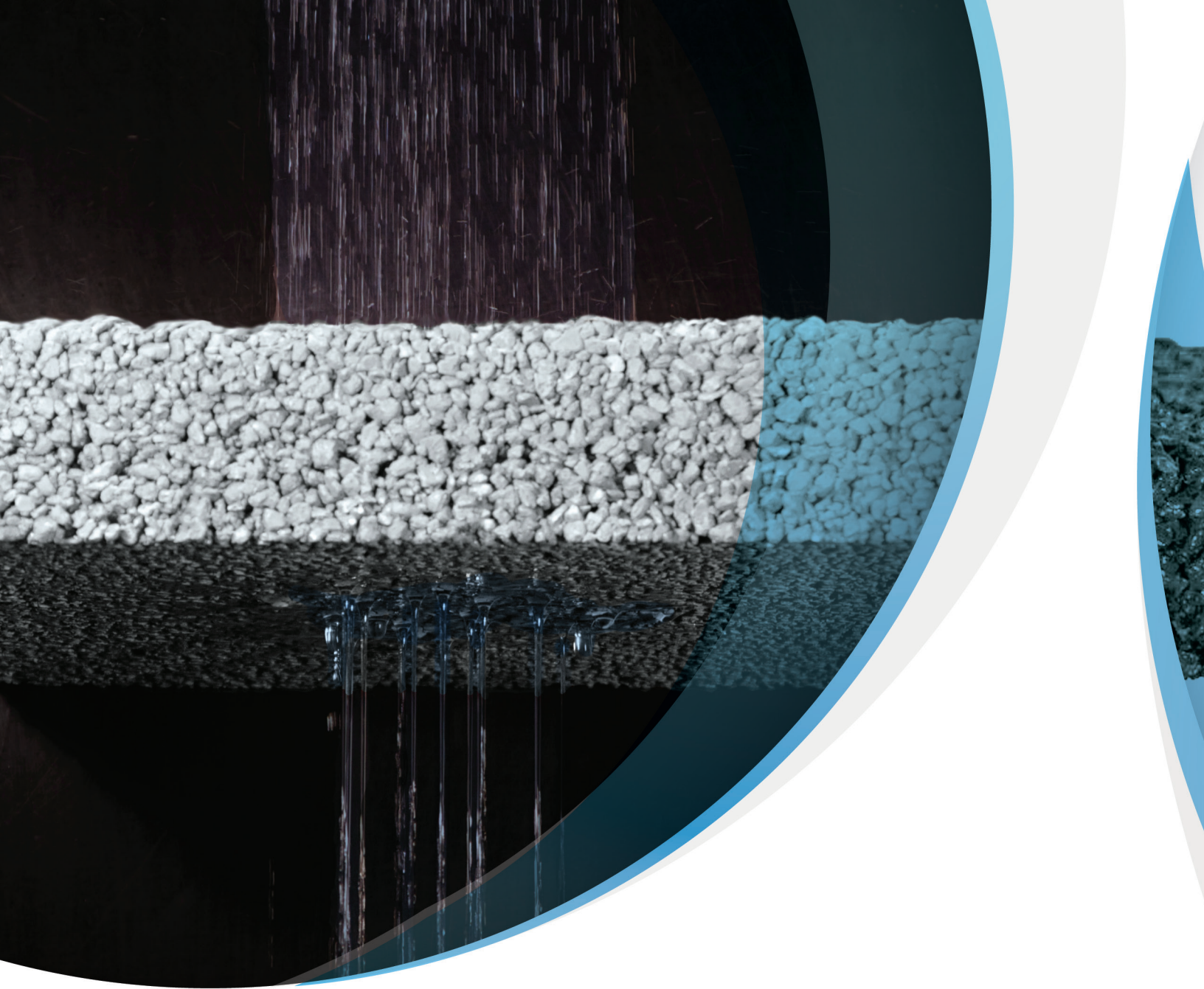## All the previous benefits plus...

STRUCTURAL (NEW!)

KEY BENEFITS
> Enables the development of a medium-to-high (tensile) strength road network with improved drainage
> Improves skid resistance
> Makes its placement and finishing 2 times faster than conventional pervious concrete due to its unique visco-dynamic flow
> It is easy to place – highly fluid pervious concrete
> Eliminates the need for extra compaction – can be finished using Spin-Screed Roller

APPLICATIONS
> Driveways
> Residential roads
> Structural road sub-base
> Final road layer
> High-traffic roads

MATERIAL PROPERTIES

	Conventional Application	Structural (High Performance)
Air Voids (%)	20 to 35%	20 to 25%
Permeability (mm/sec)	5 to 30 mm/sec	5 to 10 mm/sec
Flexual strength (MPa)	1.0 to 2.5 MPa	2.0 to 4.0 MPa
Compressive strength (MPa)	5 to 25 MPa	15 to 35 MPa
Abrasion resistance *(ASTM C1747)*	10 to 30%	5 to 20%

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high-quality products and reliable service to customers and
communities in more than 50 countries throughout the world.
CEMEX has a rich history of improving the well-being of those it
serves through its efforts to pursue innovative industry solutions
and efficiency advancements and to promote a sustainable future.

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