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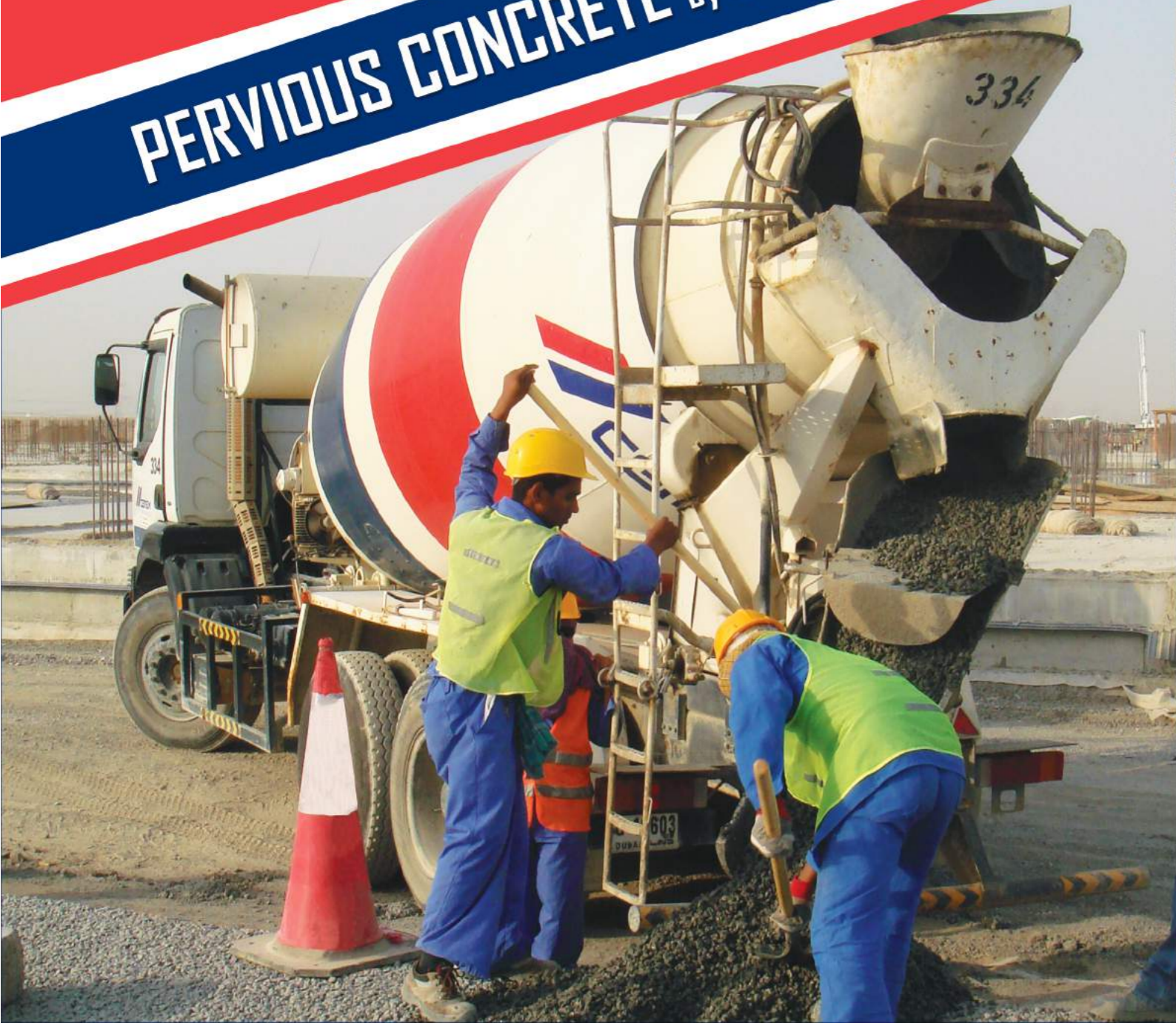


**PERVIOUS CONCRETE** by CEMEX



Building the future™

# PERVIOUS CONCRETE by CEMEX



## Project Spotlight – Dubailand Reservoir, Dubai

CEMEX was the exclusive supplier of over 9,000 cubic metres of Pervious concrete for use in the Dubailand Reservoir project. Use of the Pervious concrete allowed to the effective control and capture of fresh water that would otherwise have been lost, helping to conserve a precious and valuable resource.



Pervious concrete is a special type of concrete with high porosity, allowing water to pass through for stormwater control, or for managing and reclaiming of water. Pervious concrete has additional benefits in sound reduction and temperature control.

### Features and Benefits

- Open Pore structure**
  - ↳ Designed to allow water to pass through
  - ↳ Allows water to drain away for either treatment or recycling
- Environmentally friendly**
  - ↳ Filters water as it passes through, removing harmful substances from the water
- Thermally Efficient**
  - ↳ Can reduce surface temperature by up to 4 degrees celcius
- Acoustically Efficient**
  - ↳ Deadens vehicle noise

### TECHNICAL DATA

|   |                 |
|---|-----------------|
| Concrete Grade (N/mm <sup>2</sup> )               | 02 to 20        |
| Durability <sup>1</sup> (RCP, WP, WA)             | Not Required    |
| Workability Slump (mm)                            | Not Applicable  |
| Workability Retention (Hours)                     | 1 to 3          |
| Maximum Aggregate Size (mm)                       | 10 or 20        |
| Typical Hardened Density (Kg/m <sup>3</sup> )     | 2000            |
| Cement Types <sup>2</sup>                         | OPC, SRC, MSRPC |
| Supplementary Cementitious Materials <sup>3</sup> | Microsilica     |
| Colours   | Grey            |

### PERFORMANCE FOOTPRINT

