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WATERPROOF
BY CEMEX

CEMEX
Building a better future

WATERPROOF

Waterproof concrete suitable for basements, swimming pools, lift pits, green rooftops and many other structures that require effective waterproofing.

Advantages / Benefits

- Keeps water out, or in, as required
- Reduced risk of reinforcement corrosion
- Enhanced long term performance including increased durability
- Reduced water and water vapour permeability
- Reduced porosity
- Reduced drying shrinkage
- Enhanced Chloride diffusion resistance

Applications:

- Ideal for Green Rooftops
- Perfect for Reservoirs
- Building Swimming Pools
- Retains water easily - Water tanks
- Ideal material for building Dams
- Sewage treatment works
- Ideal for Liquid Storage Tanks
- Waterproofing Basements
- Great for Tunnels
- Underground Car Parks
- Well suited for Plant rooms
- Archive and other storage areas

Project Spotlight Dubai Mall, Dubai

The basement structures of this iconic project, the largest shopping mall in the world, are protected from ingress of water by waterproof concrete supplied by CEMEX.



CEMEX Waterproof® is a high technology product developed by our Global Research Group. The advanced mix design with advanced admixture technology, produces a concrete that is highly impermeable, with low water absorption and penetration. Cemex Waterproof® can eliminate the need for waterproofing membranes, reducing overall cost.

Features and Benefits

Minimizes water penetration of concrete

- Reduced water and vapour permeability
- Reduced Porosity
- Reduced drying shrinkage
- Better protection of reinforcement

Environmental Benefits

- Management of water
- Ideal for use in 'Green Roof'

Integral Waterproofing

- No additional membrane.
- Elimination of cost of membrane.
- Elimination of chemical use on site.

TECHNICAL DATA

Concrete Grade (N/mm ²)	30 to 80
Durability ¹ (RCP, WP, WA)	800 to 3000, 10 to 20mm, 1.0 to 1.5
Workability Slump (mm)	75 to 200
Workability Retention (Hours)	up to 3
Maximum Aggregate Size (mm)	10 or 20
Typical Hardened Density (Kg/m ³)	2450
Cement Types ²	OPC, SRC, MSRPC
Supplementary Cementitious Materials ²	DURACEM® / Microsilica
Colours	Grey or Colored

PERFORMANCE FOOTPRINT

