

PO Box 37900, Al-Quoz Industrial Area 3, Dubai, UAE

Tel : +971 4 347 0427/477 (Al-Quoz) Fax : +971 4 347 1713

Tel : +971 4 880 1212 (Jebel Ali)

Fax : +971 4 880 1033 Email: info.dubai@cemex.com

PO Box 66429 Jebel Ali Industrial Area Dubai, UAE

Tel : +971 4 880 1212 Fax : +971 4 880 1033 PO Box 72071 Mussafah Industrial Area Abu Dhabi, UAE

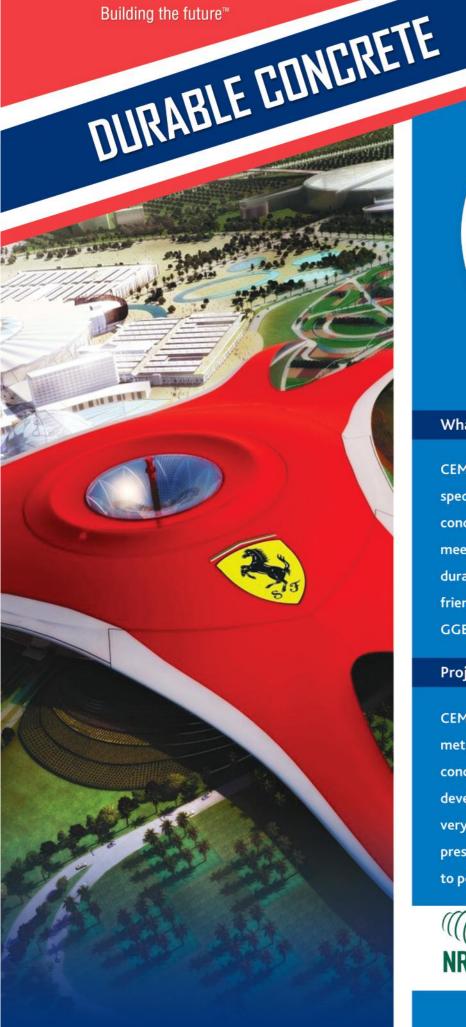
Tel : +971 2 551 5501 Fax : +971 2 551 5560

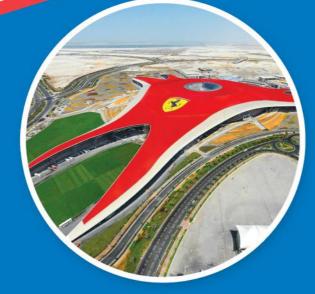
Email: info.abudhabi@cemex.com

DURABLE CONCRETE









What is Durable Concrete?

CEMEX Durable concrete is a range of concrete specifically tailored to the harsh environmental conditions of the UAE. CX Durable concrete can meet the most demanding requirements for durability, through the use of environmentally friendly materials such as CEMEX Falcon Duracem GGBS.

Project Spotlight - Ferrari World, Abu Dhabi

CEMEX supplied over one hundred thousand cubic metres of a specially designed high durability concrete for the piling works of this landmark development. This concrete was designed to have very high levels of resistance to harmful chemicals present in the groundwater, whilst remaining easy to pour, pump and place.





CEMEX has over 20 years of local experience in designing concretes for the harsh climatic conditions experienced in the UAE. Our concretes can resist the harshest environmental conditions, extending the lifespan of structures

Features and Benefits

Resistant to chemical attack

- □ Resistant to chloride penetration
- ∟ Resistant to sulfate attack

Low Water/Cement ratio

- ∟ Low permeability
- □ Dense microstructure

Extended Lifespan

- □ Durable concretes last longer, extending building life and enabling reuse of structures
- □ Reduced maintenance requirements
- ∟ Reduced lifetime cost

PERFORMANCE FOOTPRINT



PROFESSIONAL CONCRETE

DURABLE CONCRETE



TECHNICAL DATA

| Concrete Grade (N/mm²) | 30 to 80 |
|---|-------------------------------------|
| Durability¹ (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/m³) | 2450 |
| Cement Types ² | OPC,SRC,MSRPC |
| Supplementary Cementitious Materials ³ | DURACEM®/ Microsilica |
| Colours | Grey or Colored |