



Dubai

Ready-Mix Concrete
CEMEX TOPMIX LLC
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

Dubai

Cement & Slag (GGBS)
CEMEX FALCON LLC
PO Box 66429
Jebel Ali Industrial Area
Dubai, UAE
Tel : +971 4 880 1212
Fax : +971 4 880 1033

Abu Dhabi

Ready-Mix Concrete
CEMEX SUPERMIX LLC
PO Box 72071
Mussafah Industrial Area
Abu Dhabi, UAE
Tel : +971 2 551 5501
Fax : +971 2 551 5560
Email: info.abudhabi@cemex.com

| www.cemex.ae |

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Promptis
Fast by design

 **CEMEX**
Building the future™



Project Spotlight - Hodariyat Bridge, Abu Dhabi

CEMEX was chosen as the sole concrete supplier by the main contractor, VSL, due to their proven track record in being able to deliver solutions to complex technical requirements. The project called for a concrete that would deliver exceptional slump performance, remaining workable for up to 4 hours on site, yet would achieve a compressive strength of 32 Mpa at 30 hours. CEMEX successfully supplied over 50,000 cubic metres of concrete to this landmark project.



Promptis®
Fast by design

Promptis® is a range of high early strength concretes, developed to meet the most demanding time constraints of modern construction projects. Promptis® has similar characteristics to normal concrete but it reaches accelerated strengths just four hours after setting, yet retains workability for up to 120 minutes.

Features and Benefits

Rapid Hardening

- Early strengths in as little as 4 hours
- Design strengths achieved in 7 days
- Up to 40N/mm² in 18 hours

High Performance

- Designed with a chloride free accelerator
- No risk of corrosion
- Excellent workability retention

Fast Formwork removal

- Formwork can be stripped in as little as 6 hours - even for slabs

Accelerated Construction Timelines

- Faster slip form casting cycles
- Accelerated precast cycles

PERFORMANCE FOOTPRINT



TECHNICAL DATA

Concrete Grade (N/mm ²)	30 to 80
Durability ¹ (RCP, WP, WA)	800 to 4000, 10 to 20mm, 1.0 to 3.0
Workability Slump (mm)	75 to 200
Workability Retention (Hours)	1 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 ³	DURACEM®/ Microsilica
Colours	Grey or Colored

