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Promptis
Fast by design

CEMEX
Building a better future

PROMPTIS Fast By Design

Benefits:

A unique concrete solution that existing products cannot provide
Fast formwork removal leading to increased productivity
Easy to compact and finish

Cost savings:

Reduced labour cost
Reduced rental cost for construction equipment
No more delays on-site.

Applications:

Columns | Walls | Beams | Slabs | High walls | Tunnels
Roads | Panels | Specific elements

Renovation and Repair:

Ideal solution where there is limited time to carry out renovation or repair of structures, slabs, pavements.

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® 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



Promptis
Fast by design



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