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**Promptis**  
Fast by design





# 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.



ISO 9001  
ISO 14001  
OHSAS 18001  
BUREAU VERITAS  
Certification



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/mm<sup>2</sup> 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 <sup>2</sup> )	30 to 80
Durability <sup>1</sup> (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 <sup>3</sup> )	2450
Cement Types <sup>2</sup>	OPC, SRC, MSRPC
Supplementary Cementitious Materials <sup>3</sup>	DURACEM® / Microsilica
Colours	Grey or Colored