



Countries experiences

SVP Technology Central & Procurement

Product Development & Industrialization R&D

July 7, 2011

Place:	EMEAA-FRANCE-Toulouse
Type of concrete:	PROMPTIS XXR S4
Job site:	College of Baissières
Client	BOURDARIOS
Date:	29 September 2009
Volume:	4m³
Elements cast:	Precast beams on site





Mould with Fresh concrete

Easy to place Promptis® Concrete for precast beam built on site in the college of Baissières in Toulouse France.



Lifting beam after 4 hours

Beam cast on site with Promptis® concrete was able to be lifted 4 hours after casting.



Surface finishing of the beam

The use of Promptis® concrete improves the surface finishing of the beams

Place:	EMEAA-IRELAND-Dublin
Type of concrete:	PROMPTIS S4
Job site:	LUASS tramline
Client:	BAM Contractors
Date:	12 April 2010
Volume:	700m³
Elements cast:	Extension of a tram track





Casting Preparation

High reinforced structure for Dublin tramline was easy to cast with Promptis® concrete.



Concrete Plant Killen Road

Plant Killen Road operation dedicated 48hours to produce 700m³ of Promptis ® concrete for the Dublin tramline project.



Train in service

Dublin Tramline in service after the 6 hours of pouring Promptis® concrete.



Pouring

Delivery of 700m³ of Promptis ® in Dublin tramline enabling to reopen the line 6 hours after pouring.



Casting over night

Casting over night of Promptis® concrete for Dublin tramline allowed to re-open the service 6 hours after pouring.



Promptis® after 3 hours

Dublin tramline jobsite. Promptis ® concrete after 3 hours is ready to walk on it.



Train in service

Dublin Tramline in service after the 6 hours of pouring Promptis® concrete.

Place:	EMEAA-Croatia-Zagreb
Type of concrete:	PROMPTIS S4
Job site:	Building jobsite
Client:	Medimurje Granditelosvo
Date:	11 June 2010
Volume:	2m³
Elements cast:	Small wall elements (2 cements)





Promptis® casting (2 different cements)

Possibility to demould the Promptis 3,5 hours after production

Place: EMEAA-UAE-Dubai

Type of concrete: PROMPTIS S4

Job site: Test on plant

Client: CEMEX

Date: June 2010

Volume: 2m³

Elements cast: Slab element





Promptis® slab on plant

Delivery 2,0m x 2,0m) for evaluating industrial feasibility
Easy to place and finish (37°C outside)



Fast setting of Promptis®
Possibility to walk on the slab 3 hours after production

Place:	EMEAA-IRELAND-Dublin
Type of concrete:	PROMPTIS S4
Job site:	LUASS tramline
Client:	BAM Contractors
Date:	26 August 2010
Volume:	10m³
Elements cast:	Basement for Pylons





Promptis® for pylons basement
Possibility to place the pylon 24 hours
after casting the concrete

Place: **EMEAA-ISRAEL- Tel-Aviv**

Type of concrete: **PROMPTIS S4**

Job site: **Mod'in Plant**

Client: **CEMEX**

Date: **3 February 2010**

Volume: **7 m³**

Elements cast: **Casting slab on plant**





Promptis® concrete pumping

Testing Promptis® concrete pumpability with a 50m pump



Promptis® concrete casting

High fluidity of Promptis concrete allows easy placement



Promptis® fast setting

Possibility to walk on the Promptis® 2 hours after casting

Place:	EMEAA- FRANCE - Creil
Type of concrete:	PROMPTIS S5
Job site:	Precast industry
Client:	Arcelor mittal
Date:	28 october 2009
Volume:	> 2000 m³
Elements cast:	Casting element for building wall





Promptis® XXR guarantees Self Compacting Concrete for 1h30 min



Promptis® used in precast industry allows fast and easy casting of large elements



The self compacting properties of Promptis® is ideal for filling complex concrete shapes



Automatic finishing using adequate equipment allows further increase in productivity



Promptis® allows casting in less than 1 hours of more than 100m linear of precast elements (size of each element: 20m)

Place:	EMEAA- FRANCE - Albi
Type of concrete:	PROMPTIS XXR S5
Job site:	CEMEX demonstration
Client:	
Date:	25 June 2009
Volume:	3m³
Elements cast:	Wall element – concrete pumped





Promptis® slump test
Promptis® guarantee self compacting
properties for 1h30



Promptis® pumpability
Promptis® can be easily pumped



Promptis® - Fast Form Removal

Demoulding after 3h – Customers check surface finishing and heat of hydration



Promptis® allow architectural finishing

Place: **EMEAA- FRANCE - Lorient**

Type of concrete: **PROMPTIS XXR S5**

Job site: **Hospital**

Client:

Date: **15.01.2009**

Volume: **5m³**

Elements cast: **Wall element**





Promptis® guarantees at least 1h30 min workability retention



Promptis® keeps low the heat of hydration (less than 35°C in massive wall element)



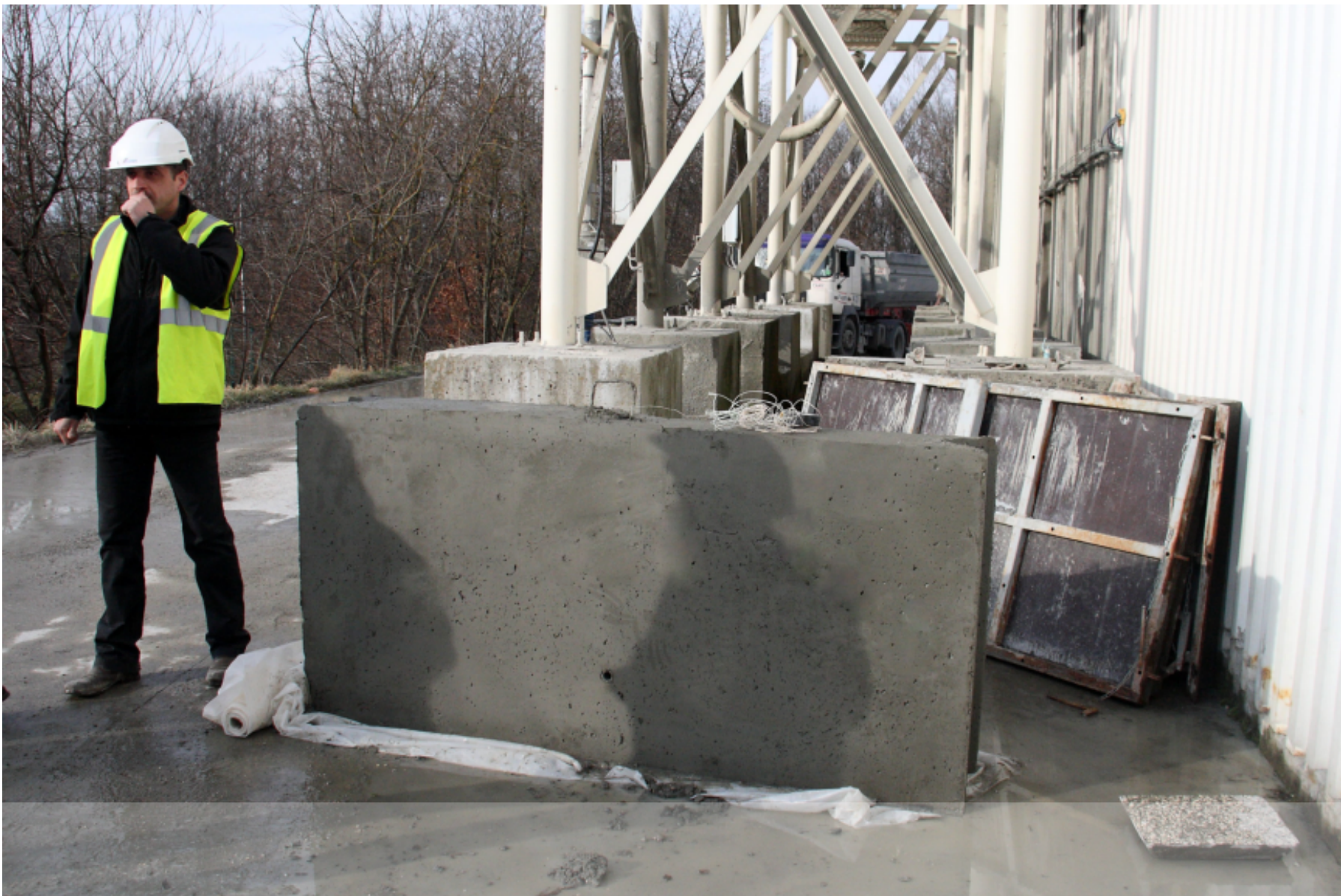
Promptis® - Fast Form Removal
Demoulding after 4h

Place:	EMEAA- FRANCE - Annemasse
Type of concrete:	PROMPTIS XXR S3
Job site:	Test on Annemasse plant
Client:	Eiffage – Precast elements on site
Date:	Jan 2009
Volume:	5m³
Elements cast:	Wall element





Casting and placing S3 consistency concrete after 1h of workability retention



Demoulding possible 2 hours after casting



Surface finishing similar to conventional concrete

Place:	EMEAA - Austria - Vienna
Type of concrete:	PROMPTIS 5-3
Application:	Tramway
Client:	Public investment project
Date:	June 2011
Volume:	26 m³
Elements cast:	Casting of foundation for rail
fixing	Circulation re-opened after 12h





Casting of 30m³ of fluid Promptis® with
a workability retention of 60min





Fast delivery and pouring of the 25 cm thickness of concrete need to fix the rail



Surface finishing and placing of rail fixation 90 min delivery



Application of 25 cm of bituminous on top of the concrete possible after 5 hours
(Compressive strength : 3MPa)

Place: EMEAA - IRELAND - Dublin

Type of concrete: PROMPTIS S3 C30/37

Job site: Lidl Supermarket Ballyfermot & Clondalkin

Client: Adston construction Ltd

Date: 26 March 2011

Volume: 2 x 6.5m³

Elements cast: Freezer floor for Lidl supermarkets





After 48h Promptis achieves the 28days strength of normal concrete
Freezer in service (-20°C) only 2 days after casting

Place: EMEAA- FRANCE – Montaudran

Type of concrete: PROMPTIS XXR S5

Job site: Astrium

Client: TMSO (Vinci construction) 

Date: September 2009

Volume: 27m3

Elements cast: Pillars and high concrete wall





Promptis® delivery

Promptis® is workable during 1h30 and can be delivered and casted with conventional jobsite equipment



Promptis® finishing

Promptis® can achieve high quality of surface finishing

Casting pillars in Promptis® can increase rate of construction



Promptis® big wall casting

Promptis® can be used for massive element
Customer was able to recuperate delay by
casting – demoulding and building second
floor of building in 24 hours



Casting of wall element

A major project in Toulouse was running behind schedule. Promptis® was brought to the job in order to get it back on track.

Place:	EMEAA-ISRAEL- Mishor Edomim
Type of concrete:	PROMPTIS S4
Job site:	Precast industry
Client:	I.B.YOVEL
Date:	5 October 2010
Volume:	12 m³
Elements cast:	Casting precast





Promptis® concrete delivery

Easy compacting concrete delivered
1h30 hours workability retention guarantee at
27°C



Promptis® pouring: Easy to place and to finish

Promptis® concrete allows reduction of vibration due to the concrete flow



Promptis® precast element

The form removed after 2.5 hours

2 MPa measured on controlled samples



Promptis® concrete for precast

Element made of Promptis® can be lifted after 5 hours

Place: EMEAA - FRANCE - Toulouse

Type of concrete: PROMPTIS XR S4 C35/40

Job site: Chantier Le Buchens

Client: Société Aquitaine du bâtiment

Date: 30 March 2011

Volume: 30 m³

Elements cast: Roof terrace for residential Building
Removal of steel struts after 4 days instead
1 month.





Delivery of the Promptis® XR

The workability retention and the flow S4 allows easy and fast casting.



Steel struts supporting the concrete terrace

Promptis® allows the removal of the struts after 4 days instead of 28 days needed when conventional concrete is used.



Promptis® concrete allows the removal of the steel struts after 4 days. No additional support was needed.



Finishing concrete of Promptis® after 4 days.