



**READYMIX CONCRETE (VIET NAM) JOINT STOCK COMPANY**  
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## MIX DESIGN SUBMISSION

**Project:** THE PROJECTS IN HANOI  
**Other note:** Ha Noi, Viet Nam

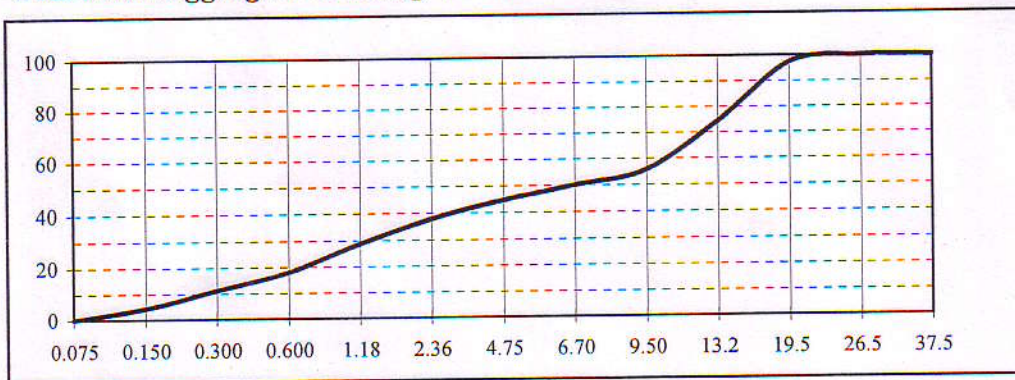
Mix Specification	Specified Requirement	Proposed Mix
	35 MPa Pumpmix	
Characteristic Strength at 28 days ( Cube) (MPa)	35	35
Maximum Water/Cement Ratio (mm)	20	20
Slump (mm)	120 ± 20	120 ± 20
Actual Water/ Cement Ratio		0.51
Minimum Cement Content (kg/m <sup>3</sup> )	Not Spec.	390
Aggregate/ Cement Ratio	Not Spec.	4.53
Air Content	Not Spec.	2%

### Mix Proportion Calculation

Material	Source	Type	SSD Batch Weight	Aggregate Proportions	Specific gravity	Volume (/m <sup>3</sup> )
Cement	HaiPhong	PCB40	390		3.15	0.124
Aggregate	Phu ly	20-10 mm	804	45.5%	2.73	0.295
Aggregate	Phu ly	10-5 mm	176	10.0%	2.71	0.065
Sand	Lo River	Screened	786	44.5%	2.66	0.296
Admixture 1	BASF	P300R	1.248	LTR		0.001
Admixture 2	BASF		0.000	LTR		0.000
Water			199	LTR	1.00	0.199
Air Content			2.0%			0.020
<b>TOTAL</b>						<b>1.000</b>

Readymix reserves the right to modify mix proportions to ensure continued compliance with the agreed specification requirement.  
 Such changes may occur to maintain mix quality following variations in the performance of raw materials within agreed specification limits.

### Combined Aggregate Grading Curve



Mix Design: 05/05/2010

CONCRETE ENGINEER

**XD**  
**LAS417**  
 Thai Toan

GENERAL MANAGER

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