



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

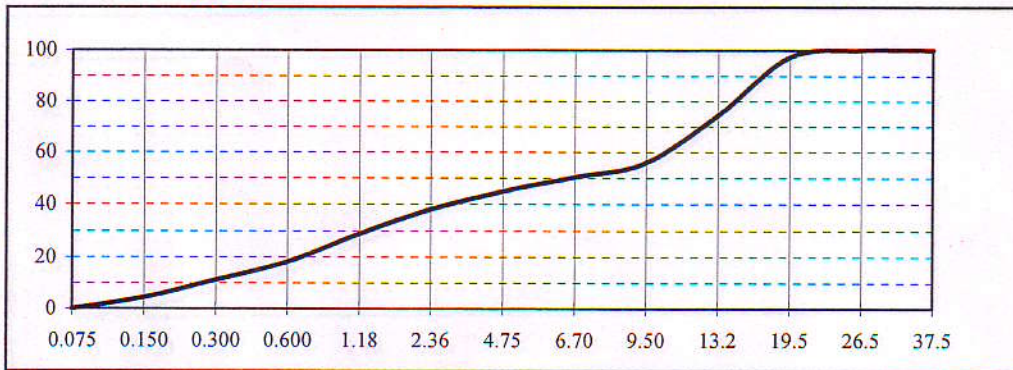
Mix Specification		Specified Requirement	Proposed Mix
		40 MPa Pumpmix	
Characteristic Strength at 28 days (Cube)	(MPa)	40	40
Maximum Water/Cement Ratio	(mm)	20	20
Slump	(mm)	120 ± 20	120 ± 20
Actual Water/ Cement Ratio			0.44
Minimum Cement Content	(kg/m ³)	Not Spec.	425
Aggregate/ Cement Ratio		Not Spec.	4.17
Air Content		Not Spec.	2%

Mix Proportion Calculation

Material	Source	Type	SSD Batch Weight	Aggregate Proportions	Specific gravity	Volume (/m ³)
Cement	HaiPhong	PCB40	425		3.15	0.135
Aggregate	Phu ly	20-10 mm	804	45.3%	2.73	0.295
Aggregate	Phu ly	10-5 mm	176	9.9%	2.71	0.065
Sand	Lo River	Screened	794	44.8%	2.66	0.299
Admixture 1	BASF	RH561	4.250	LTR		0.004
Admixture 2	BASF		0.000	LTR		0.000
Water			182	LTR	1.00	0.182
Air Content			2.0%			0.020
TOTAL						1.000

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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