

Batch Size	1.0m ³	0.016	0.016		0.016	0.016
Date	12/12/23	12/12/23	12/12/23		12/12/23	12/12/23
Mix.Ref.No						
Mix Grade	M40	M40	M40		M40	M40
Cement	390	6.240	6.240		6.240	6.240
Fly Ash	120	1.920	1.920		1.920	1.920
GGBS						
Microsilica/Alcofine						
W/b,A/b						
CA I-10 mm	590.22	9.440	9.440		3.440	
CA II-20 mm	472.22	7.540	7.540		7.540	
Natural Sand	238.15	11.810	SAND		11.810	11.810
Crushed Sand	SAND	CRUSH	CRUSH		SAND	3.20
Free Water + Abs						
Admixture B. No.						
Dosage (% by binder)						
Admixture B. No.		Std#	L-760			L-765
Dosage (% by binder)			L-765			L-762
Slump (mm)/ Flow		M. 6	M. 6		BLUE	BLUE
@ 0' min		650	210/460		670	680
@ 30min		660	220/480		210/460	210/475
@ 60min					50	65
@ 90min						
@ 120min						
@ 150min						
@ 180min						
@ 240min						
Air Content		2474	3741		3453	2469
Wet Density (kg/cu.m)						
Comp. Strength (Mpa						
01 Day		16.08	15.37		11.52	11.62
03 Day		23.24	20.03		18.90	19.66
07 Day		—	—		30.9	29.44
28 Day		—	—		47.07	52.84
Batch Time		11.00	11.10		11.45	11.45
Remarks :						

Moisture Correction for	10 mm	20 mm	Crushed Sand	Natural Sand	Water	Cement/Fly Ash
Batch Size per cu.m. (kg)	600	480	760		160	390/120
Water Absorption (%)	1.63	1.83	3.87			
Field Moisture (%)	0.0	0.0	1.00			
Correction Factor (%)	1.63	1.83	2.87			
Correction Quantity (%)	9.78	8.78	21.87		40.07	
Correction Batch /cu.m (kg)	590.22	471.22	738.19		200.07	570

Specific Gravity of Aggr.						3.15/2.20
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