

Trial Report with fibers		
INGREDIENTS K/g/Cum	M35	M40
Cement(OPC)	350	380
Fly ash	40	0
Fine Aggregate (FANS)	688	690
Coares Aggregates 12mm	450	475
Coares Aggregate 20mm	725	720
Admixture	3.5	3.4
Recron 3s(Fibers)	0.9	0.9
Water	165	160
W/C	0.42	0.42
Density	2418	2425
Slump,mm		
Initial slump	180 mm	Collepse
After 1 hr	130 mm	140mm
After 2 hr	90 mm	100mm
Comm. Strength		
S.No	N/mm2	N/mm2
1	54.44	33.73
2	53.28	40.48
3	50.35	40.93
AVG	52.69	38.38



Date:02.03.2012

Trial Report with fibers						
INGREDIENTS K/g/Cum	M35	M35(With R3S)	M35(With R3S)	M40	M40(With R3S)	M40(With R3S)
Date of trial done	27.01.2012	27.01.2012	03.02.2011	18.01.2012	27.01.2012	
Cement(OPC)	360	350	340	420	380	370
Fly ash	40	40	40	0	0	0
Fine Aggregate (FANS)	688	688	688	658	690	690
Coares Aggregates 12mm	450	450	450	485	475	475
Coares Aggregate 20mm	725	725	725	733	720	720
Admixture	3.5	3.5	3.5	3.8	3.4	3.4
Recron 3s(Fibers)	0	0.9	0.9	0	0.9	0.9
Water	165	165	165	160	160	160
W/C	0.41	0.42	0.43	0.38	0.42	0.43
Density	2428	2418	2408	2456	2425	2415
<b>Slump,mm</b>						
Initial slump	Collepse	180 mm	Collepse	180 mm	Collepse	180 mm
After 1 hr	150 mm	130 mm	160 mm	140 mm	140mm	140 mm
After 2 hr	100 mm	90 mm	120 mm	80 mm	100mm	90 mm
<b>Comm. Strength,7 Days</b>						
S.No	N/mm2	N/mm2	N/mm2	N/mm2	N/mm2	N/mm2
1	42.22	54.44	46.26	50.66	33.73	41.11
2	41.78	53.28	46.66	56.00	40.48	43.46
3	43.56	50.35	43.60	56.53	40.93	44.80
AVG	42.52	52.69	45.50	54.39	38.38	43.12
<b>Comm. Strength,28 Days</b>						
1	55.55	60.44	67.51	63.51	50.31	71.55
2	56.22	68.22	61.02	62.17	51.86	69.86
3	53.55	69.33	58.48	60.71	48.31	61.02
AVG	55.1	65.99	62.33	62.13	50.16	67.47

For Ultratech concrete

Authorized signatory.