Mortar Mix Sheet (per ASTM C305, ASTM C1260, ASTM C1567)

Mix ID _____

Date _____

Time _____

Tech(s) _____

Mix Procedure - With bowl in mixing position and paddle in place:
1) Add all water
2) Add all cementitious
3) Mix 30s, slow speed
4) Add aggregate over 30s, slow speed
5) Stop mixer, change speed to medium
6) Mix 30s, medium speed
7) Stop mixer 90s, scrape down within 15s
8) Mix 60s, medium speed

Mixer Specs:
Slow speed: 140 rpm ± 5, 62 opm
Medium speed: 285 rpm ± 10, 62 opm

Room T: 20-27.5° C
Room RH: >50%
Water T: 23° C ± 1.7° C

All weights in grams unless otherwise noted

Aggregate		
ID		
	Target Wt.	Actual Wt.
-4+8	99	
-8+16	247.5	
-16+30	247.5	
-30+50	247.5	
-50+100	148.5	
Total	990	

Cementitious			
	ID	Target Wt.	Actual Wt.
Cement			
Fly Ash			
Slag			
Total		440	

Water			
	ID	Target Wt.	Actual Wt.
Mix Water	-		
HRWR			
Total			206.8

Notes:

ASTM C1260/ASTM C1567 Comparator Readings

Initial readings taken immediately after demolding beams. Zero readings taken upon removal from 24 hour water soak.

1) Take comparator reading of standard
In less than 20s per beam:
2) Remove from bath, ID and dry on towel
3) Take comparator reading
4) DO NOT return to bath until readings taken from all beams

☐ C1260
☐ C1567

Mix ID _____ Container _____

Mix Date _____ Solution _____

	Date	Standard	Beam 1	Beam 2	Beam 3
Initial					
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Notes: