



Ohio Department of Transportation
SM PCC Blend Report by JMF

JMF: C75029MS1B

Material Code: 215QCMS : QC MODERATE SET CONCRETE 400 PSI_24 HRS

Concrete Class: QCMS

P/S Code: 3110Q-01 : ERNST

Approved By: _____

Submit Dt: 20230508

Approved Dt:

Term Dt:

Blend - Cementitious

3751L	BLENDED PORTLAND LESTONE CEMENTTYPE 1L	3.110	06868-01	HOLCIM (US), INC. - BLOOMSDALE,MO	800
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Aggregate

Matl Code	Matl Name	Spec Gravity	Absorption	P/S Code	P/S Name	SSD Wt
025057	57 CRUSHED STONE 703.02	2.620	2.19	04721-01	MELVIN STONE-MELVIN	1606
021SD2	SAND, NATURAL 703.02	2.648	1.66	04526-01	MELVIN STONE-CIRCLEVILLE	1082

Admixture

Matl Code	Matl Name	Brand Name	P/S Code	P/S Name	Amount
42104	ADMIXTURE TYPE D		06511-01	EUCLID CHEMICAL CO	8
42101	ADMIXTURE TYPE A		06511-01	EUCLID CHEMICAL CO	24
42001	ADMIXTURE, AIR ENTRAINING		06511-01	EUCLID CHEMICAL CO	8
42106	ADMIXTURE TYPE F		06511-01	EUCLID CHEMICAL CO	0

Properties

Min Avg Str:

Design Str Spc: 400

Theo Unit Wt: 139.7

W/C Ratio: 0.360

Total Wt/CY: 3776

Design Air: 7.0

Design Slump: 4.00

Remarks

ACF = 0.40



Ohio Department of Transportation
SM PCC Blend Report by JMF

JMF: C750291P1A

Material Code: 215QC1P : QC 1P CONCRETE - 4000 PSI - WELL GRADED

Concrete Class: QC1P

P/S Code: 3110Q-01 : ERNST

Approved By: _____

Submit Dt: 20230501

Approved Dt:

Term Dt:

Blend - Cementitious

37603	GRANULATED SLAG GRADE 100	2.870	06725-01	SKYWAY CEMENT/IL		169
Aggregate	BLENDED PORTLAND LESTONE CEMENTTYPE 1L	3.110	06868-01	HOLCIM (US), INC. - BLOOMSDALE,MO		395
Matl Code	Matl Name	Spec Gravity	Absorption	P/S Code	P/S Name	SSD Wt
0250572	57 CR ST (451-452-305)/703.02-703.13	2.620	2.19	04721-01	MELVIN STONE-MELVIN	1299
025008	8 CRUSHED STONE 703.02	2.625	2.15	04721-01	MELVIN STONE-MELVIN	405
021SD2	SAND, NATURAL 703.02	2.648	1.66	04526-01	MELVIN STONE-CIRCLEVILLE	1196

Admixture

Matl Code	Matl Name	Brand Name	P/S Code	P/S Name	Amount
42104	ADMIXTURE TYPE D		06511-01	EUCLID CHEMICAL CO	0
42101	ADMIXTURE TYPE A		06511-01	EUCLID CHEMICAL CO	16.92
42001	ADMIXTURE, AIR ENTRAINING		06511-01	EUCLID CHEMICAL CO	7.332
42106	ADMIXTURE TYPE F		06511-01	EUCLID CHEMICAL CO	0

Properties

Min Avg Str: 5200

Design Str Spc: 4000

Theo Unit Wt: 138.6

W/C Ratio: 0.495

Total Wt/CY: 3743

Design Air: 7.00

Design Slump: 4.00

Remarks

ACF = 0.30