



December 11, 2024

Standard Method of Test for Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration  
AASHTO T-358

Roman Cement

Project: Roman Cement Lab Services	CMT Project #: 3918
Lab Number	28-Day Average Comp. Strength (psi)
Test Date: 11/1/2024	Age of Specimen: 56 days
Identification: RC917-1	Cement Type:
Mix Number:	Water/Cement Ratio:
Curing History: +95% Humidity	

**TEST RESULTS**

Displayed Resistivity Unit: kΩ cm  
Electrode Spacing: 38 mm  
Cylinder Dimensions L 4 in X 8 in.

Sample	Orientation								Row Average
	Ch 1 (0°)	Ch 2 (90°)	Ch 3 (180°)	Ch 4 (270°)	Ch 1 (0°)	Ch 2 (90°)	Ch 3 (180°)	Ch 4 (270°)	
A	23.6	21.3	22.8	23.8	23.4	21.4	22.8	23.8	22.9
B	21.0	21.7	20.8	22.3	20.9	21.6	20.8	22.4	21.4
C	22.3	23.0	21.4	22.0	22.3	23.1	21.6	22.0	22.2
Average Resistivity (kΩ cm)									22.2
Curing Condition Correcton Factor (x1.1 Lime Tank or 1.0 for Moist Room)									22.2
Penetrability Based on Test									Low

Sincerely,

Laboratory Manager



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AASHTO T-358

Roman Cement

Project: Roman Cement Lab Services  
Lab Number  
Test Date: 11/1/2024  
Identification: RC917-2  
Mix Number:  
Curing History: +95% Humidity

CMT Project #: 3918  
28-Day Average Comp. Strength (psi)  
Age of Specimen: 56 days  
Cement Type:  
Water/Cement Ratio:

**TEST RESULTS**

Displayed Resistivity Unit: kΩ cm  
Electrode Spacing: 38 mm  
Cylinder Dimensions L 4 in X 8 in.

Sample	Orientation								Row Average
	Ch 1 (0°)	Ch 2 (90°)	Ch 3 (180°)	Ch 4 (270°)	Ch 1 (0°)	Ch 2 (90°)	Ch 3 (180°)	Ch 4 (270°)	
A	21.3	20.4	19.7	20.4	21.2	20.4	19.7	20.4	20.4
B	19.7	20.5	22.5	20.1	19.7	20.5	22.5	20.1	20.7
C	19.6	21.7	19.8	19.2	19.7	21.7	19.9	19.2	20.1
Average Resistivity (kΩ cm)									20.4
Curing Condition Correcton Factor (x1.1 Lime Tank or 1.0 for Moist Room)									20.4
Penetrability Based on Test									Moderate

Sincerely,

Laboratory Manager