

BRAND: EarthCEM™ Slag Cement
Type: ASTM C989-18 Grade 120
Sampling Period:
Report Date:

SOURCE LOCATION:
 WALAN SCP, LLC
 501 Christina Avenue
 Wilmington, DE 19801
 855.438.7524

CHEMICAL & PHYSICAL REQUIREMENTS	TEST RESULT	SPECIFICATION
Sulfur Trioxide (SO ₃), %		4.0 Max
Sulfur Sulfide (S), %		2.5 Max
Blaine Surface Area, m ² /kg		—
Fineness Retained on 325 Mesh Sieve (45 micron), %		20 Max
Air Content, %		12 Max
SLAG ACTIVITY INDEX		
7 Day: Individual, %		
7 Day: Average of last 5, %		
28 Day: Individual, %		110 Min
28 Day: Average of last 5, %		115 Min
COMPRESSIVE STRENGTH		
7 Day - Reference Cement, PSI		—
28 Day - Reference Cement, PSI		5,000 Min
7 Day - 50% Slag + 50% Reference Cement, PSI		—
28 Day - 50% Slag + 50% Reference Cement, PSI		—
REFERENCE CEMENT		
Total Alkalies (Na ₂ O + 0.658 K ₂ O), %		0.60 - 0.90
C3S		—
C2S		—
C3A		—
C4AF		—
Blaine Surface Area, m ² /kg		260 Min

NOTES:

1. Dashes in the specification column means Not Applicable.
2. T-Alk (Na₂O + 0.658K₂O = 0.36

Certified by: *Jason Murtha*
 Jason Murtha
 WALAN SCP Operations Mgr.