

BRAND: EarthCEM™ Slag Cement
Grade: 120
Type: ASTM C989-18a
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
Total Alkalies % (Na ₂ O + 0.658 K ₂ O)		—
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		5000
7 Day - 50% Slag + 50% Reference Cement, PSI		—
28 Day - 50% Slag + 50% Reference Cement, PSI		—
TEST DATA ON 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	370	260 Min

NOTE: Dashes in the specification column means "Not Applicable."

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