



Ash Grove
Sumterville Plant
ASTM Masonry Cement Type S

March Mill Certificate

Production Period : 2/1/2023 To 2/28/2023

STANDARD REQUIREMENTS

Physical Data

Type S

Item	Spec. Limit	Results
Air Content of mortar (volume %)	8 - 19	16
Water Retention (%)	70 min	81
Retained No. 325 Sieve (%)	24 max	2.1
Autoclave expansion (%)	1.0 max	0.01
Compressive strength (MPa/psi):		
7 days	9.0 [1300] min	19.2 [2780]
28 days (<i>previous month</i>)	14.5 [2100] min	20.4 [2960]
Time of setting (minutes)		
(Gilmore) Initial	90 min	165
(Gilmore) Final	1000 max	300

This cement meets ASTM C91-16 Specification for Masonry Type S Cement.

March 7, 2023
Sumterville Cement Plant
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