



**Ash Grove**  
***Sumterville Plant***  
**ASTM Masonry Cement Type S**

**August Mill Certificate**

Production Period : 7/1/2023 To 7/31/2023

**STANDARD REQUIREMENTS**

Item	Physical Data	
	Spec. Limit	Results
Air Content of mortar (volume %)	8 - 19	15
Water Retention (%)	70 min	81
Retained No. 325 Sieve (%)	24 max	2.4
Compressive strength (MPa/psi):		
7 days	9.0 [1300] min	17.9 [ 2590 ]
28 days ( <i>previous month</i> )	14.5 [2100] min	20.6 [ 2990 ]
Time of setting (minutes)		
(Gilmore) Initial	90 min	150
(Gilmore) Final	1000 max	300

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

August 10, 2023  
Sumterville Cement Plant  
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