Ash Grove
Sumterville Plant

ASTM Masonry Cement Type M/S
January 2023 Mill Certificate

Production Period : 12/1/2022 To 12/31/2022

STANDARD REQUIREMENTS

Physical Data

	Type M		Type S	
Item	Spec. Limit	Results	Spec. Limit	Results
Air Content of mortar (volume '	*8 - 19*	17	*8 - 19*	17
Water Retention (%)	*70 min*	76	*70 min*	85
Retained No. 325 Sieve (%)	*24 max*	2.1	*24 max*	2.3
Autoclave expansion (%)	*1.0 max*	0.01	*1.0 max*	0.01
Compressive strength (MPa/psi):				
7 days	*12.4 [1800] min*	16.9 [2448]	*9.0 [1300] min*	19.2 [2780]
28 days *(previous month)*	*20.0 [2900] min*	24.0 [3480]	*14.5 [2100] min*	22.3 [3230]
Time of setting (minutes)				
(Gilmore) Initial	*90 min*	158	*90 min*	155
(Gilmore) Final	*1000 max*	330	*1000 max*	335

This cement meets ASTM C91-16 Specification for Masonry Type M and S Cements

January 27, 2023
Sumterville Cement Plant
Ash Grove
4750 E County Rd 470
Sumterville, Florida 33585
Tel: (352) 569-5393 - Fax: (352) 569-5397

Ramon Olivero
Quality Control Manager