



Ash Grove
Sumterville Plant
ASTM Stucco Cement Type M/S

September Mill Certificate

Production Period : 8/1/2022 To 8/31/2022

STANDARD REQUIREMENTS

Physical Data

Item	Type M		Type S	
	Spec. Limit	Results	Spec. Limit	Results
Air Content of mortar (volume %)	8 - 20	15	8 - 20	16
Water Retention (%)	70 min	80	70 min	83
Retained No. 325 Sieve (%)	24 max	2.4	24 max	2.6
Autoclave expansion (%)	1.0 max	0.06	1.0 max	0.06
Compressive strength (MPa/psi):				
7 days	12.4 [1800] min	20.9 [3030]	9.0 [1300] min	18.8 [2730]
28 days (previous month)	20.0 [2900] min	25.5 [3700]	14.5 [2100] min	22.3 [3230]
Time of setting (minutes)				
(Gilmore) Initial	90 min	165	90 min	162
(Gilmore) Final	1000 max	295	1000 max	297

This cement meets ASTM C1328-19 Specification for Stucco Type M and S Cements

September 20, 2022
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