



TYPE: Lime 'n' Grey Coastal M4

AS1316 Masonry Binary Cement M4 (Lime 'n' Grey)

Typical Analysis

	Typical BGC Value	Typical BGC Range	AS 1316	Units
Mortar Compressive Strengths				
7 day	22	20-24	> 3.5	(MPa)
28 day	25	23-27	> 6	(MPa)
Vicat Setting Time				
Normal Consistency	36.0	34.5 – 37.5	-	(%)
Initial Set	90	75 – 135	Min. 75	(minutes)
Final Set	135	120 – 165	Max. 720	(minutes)
Air Content				
	20	18 – 22	10 to 25	(%)
Water Retention				
	86	70 – 90	> 70	(%)
Soundness				
	0.1	0 – 0.1	< 1	(mm)
Chemical Analysis				
SO ₃	2.9	2.6 – 3.1	-	(%)
SiO ₂	19.0	18.0 – 20.0	-	(%)
Al ₂ O ₃	4.7	4.5 – 5.0	-	(%)
Fe ₂ O ₃	2.9	2.6 – 3.2	-	(%)
MgO	1.7	1.5 – 2.0	-	(%)
CaO	63.8	63.0 – 64.2	-	(%)
Loss on Ignition	4.3	4.0 – 5.0	-	(%)

Note: Typical range is at 95% confidence level, individual results may be outside of this range.

Issue Date: 30 January 2020