



TYPE: **Ultra Creme**

ULTRACREME CEMENT

Typical Analysis

	Typical BGC Range	AS 3972	Units
Mortar Compressive Strengths			
3 day	31 – 39	<i>Min. 20</i>	(MPa)
7 day	41 – 47	<i>Min. 40</i>	(MPa)
28 day	52 – 56	-	(MPa)
Vicat Setting Time			
Normal Consistency	26.7 – 28.2	-	(%)
Initial Set	60 – 90	<i>Min. 45</i>	(minutes)
Final Set	105 – 135	<i>Max. 360</i>	(minutes)
Residue			
+45µm	2.7 – 6.0	-	(%)
Fineness Index			
	394 – 465	-	(m ² /kg)
Soundness			
	0 – 2	<i>Max. 5</i>	(mm)
Chemical Analysis			
SO ₃	3.0 – 3.3	<i>Max. 3.5</i>	(%)
SiO ₂	21.3 – 21.9	-	(%)
Al ₂ O ₃	3.7 – 3.9	-	(%)
Fe ₂ O ₃	0.2 – 0.3	-	(%)
MgO	0.5 – 0.7	-	(%)
CaO	65.7 – 66.4	-	(%)
Loss on Ignition	4.3 – 5.3	-	(%)
Na ₂ O (equivalent)	0.3 – 0.5	-	(%)
Chloride ion	0.03 – 0.06	<i>Max 0.10</i>	(%)
Whiteness	91.0 – 92.0	-	(WN/Lab)

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

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