



Declared Properties

Product and Company Information

Product Group:	Synthetic Iron Oxide
Product Code:	PJ375
Field of Application:	Cement and Cementitious based products.
Supplier Name:	Procter Johnson, Excelsior Works, Castle Park, Flint, Flintshire. CH6 5NT
E-Mail:	info@procterjohnson.com
Emergency Telephone :	+44(0)1352 732157 (Office Hours)
Compliance	EN 12878:2014 Category A (non reinforced materials)

Effect on Concrete

Initial Setting Time (minutes)	>	60	Test Method EN 196-3:
Influence on Setting Time Maximum difference between the initial setting times of mixes with and without pigment (minutes)	<	60	EN 196-3:
Final Setting Time (minutes)	<	720	EN 196-1
Influence on Compressive Strength As strength loss compared to an unpigmented mix (%)	<	10.00	

Composition and Analysis

Iron (as Fe ₂ O ₃) %	>	90.00	Test Method XRF
Water Soluble Content(%)	<	0.65	EN ISO:787-3:2000
Soluble Chloride(%)	<	0.04	EN ISO:787-13:2000
Total Chlorine(%)	<	0.16	XRF
Sieve Residue (0.045mm)	<	0.12	EN ISO:787-7:2009
pH Value	4.0	to 8.0	EN ISO:787-9:1995
Loss on Ignition @ 1000oC (%)	<	6.00	EN 12878:2014

Colour Values and Tinting Strength

Standard:	2012
Binder:	White Cement

Colour Consistency:	Min	Max	Test Method
Colour Difference ΔE		1.5	No. 1
Relative Tinting Strength	95	105	No.1

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Review: 31 July 2020