

TEST REPORT


Report No.: E4/1028
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Date of Issued: 13 August 2010
Client: Green Island Cement Company Limited - Sales Department
Date Sample Received: 10 July 2010
Date Test Commenced: 13 July 2010
Date Test Completed: 10 August 2010

Sample Description:

Brand Name: Jade Brand, PPFAC, 25% flyash addition
Client's Sample Identification: Cement comply with BS6588 : 1996 strength class 42.5N and dispatched on 10 July 2010
Our Lab. No.: 64611

<u>Test</u>		<u>Test Methods</u>	<u>Result</u>						
1. Compressive strength Mortar prism	(N/mm ²)	BS EN 196-1 : 1995	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6	Average
	2 days		20.7	20.3	21.1	20.1	20.8	20.4	20.6
	7 days		34.1	34.7	34.4	34.2	34.0	34.2	34.3
	28 days		51.0	47.2	50.0	46.9	46.6	49.7	48.6
2. Density (kg/m ³)		BS EN 196-6 : 1992 Annex NC	Trial 1:	2954	Trial 2:	2953	Average:		2950
3. Fineness:	Specific surface	BS EN 196-6 : 1992 Cl. 4	3780 cm ² /g						
	Bed porosity		0.500						
4. Setting Time	Initial setting	BS EN 196-3 : 1995 Cl. 6	150 mins.						
	Final setting	BS EN 196-3 : 1995 Cl. 6	165 mins.						
5. Soundness		BS EN 196-3 : 1995 Cl. 7	1.0 mm						
6. Standard Consistence		BS EN 196-3 : 1995 Cl. 5	25.0 %						
7. Total sulphur content as SO ₃		BS EN 196-2 : 1995 Cl. 8	2.30 %						
8. Chloride content		BS EN 196-21 : 1992 Cl. 4	<0.01 %						
9. Observed Loss on Ignition		BS EN 196-2 : 1995 Cl. 7	1.16 %						

Remark: 1. Results relate only to the item tested.
 2. Sampling is performed by laboratory technician and sampling procedure is not accredited by HKAS.

Certified by: 
 Approved Signatory: Ng Lap Man Franco
 Laboratory Superintendent