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MateriaLab

Report No. : 061528RM60080(15)

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REPORT ON COUTINHO RING SHRINKAGE CRACKING OF MORTAR

Information Supplied by Client

Client : Bestford International Ltd.

Client Address : --

Project : Test on Waterproofing Material

Client Ref.: --

Main Contract No.: --

Work Order No. : --

Serial No.: --

Client Sample ID. : --

Sample Description - Type : Zhonghe 2000 Efficiency Waterproofing Materials
Source : Tianji Hi-tech Industry Park Zhonghe Waterproofing Material Co. Ltd.
Batch No. : --

Laboratory Information

Lab Batch ID : RM60080/C

Date Received (Raw Materials) : 24-Jun-2006

Date Tested : 11-Jul-2006 to 03-Aug-2006

Location of Mixing : Concrete Laboratory of MateriaLab

Ambient Conditions during Preparation : 22°C, 71%RH Ambient Conditions during Testing : 27°C, 55%RH


Curing Regime : 27 ± 2 °C, 55 ± 5 %RH

Test Method : HKHA/MTS (2002/2004) Specification Part D Clause 2.1.6

Test Results

Lab Specimen Identification		RM60080/11A		RM60080/11B		RM60080/11C	
Mass of Specimen (g)	when demoulded	1119.9		1112.9		1126.8	
	when cracking first occur	1035.3		1028.3		1039.2	
Dimensions of Specimen (A x B x H) (mm)		174.9 x 114.7 x 50.5		174.9 x 114.6 x 49.5		175.1 x 114.5 x 50.3	
Age at measured (days)	No. of Crack	Width of Crack (mm)	No. of Crack	Width of Crack (mm)	No. of Crack	Width of Crack (mm)	
1	0	0	0	0	0	0	
2	0	0	0	0	0	0	
3	0	0	0	0	0	0	
4	0	0	1	0.3	0	0	
5	1	0.2	1	0.4	0	0	
6	1	0.3	1	0.4	0	0	
7	1	0.4	1	0.5	0	0	
14	1	0.6	1	0.7	1	0.4	
21	1	0.8	1	0.8	1	0.6	
28	1	0.9	1	0.8	1	0.7	

Remarks : 1. A is outer diameter of specimen.
2. B is inner diameter of specimen.
3. H is thickness of specimen.

Checked by :  Certified by :  Date : 12/9/2006
(Felix Chan/T.K. Cheung/C.W. Kwok)

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