



Hebel

**REPORT ON BOND WRENCH TEST**

**TESTED FOR:** CSR Hebel In House Testing

**TESTED BY:** Quality Services Laboratory – Somersby, NSW

**DATES TESTED:** 25 February 2002

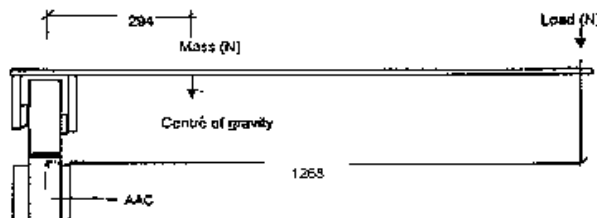
**REFERENCES:** Maxquick (Drisco)  
 Maxseal (Drisco)  
 Block Dimension – 400 x 200 x 100  
 Block Grade – 1 (Thermobloks)  
 Age of Specimen – 7 days old

**SPECIMEN PREPARATION:**

**Steps:**

- Grade 1 blocks cut to dimensions of 400 x 200 x 100
- Loose particles of AAC brushed off all surfaces to be bonded and wetted with clean water.
- Mixing of Maxquick Roll and Maxseal Foundation was in accordance with the mixing direction on product labels.
- Prepared mortar applied onto the surface to be bonded using a nylon bristle brush approximately 125mm wide. And another block laid on top using a rubber mallet to tap it in place.
- All prepared specimens were allowed to cure for a 7-day period before testing.

**SKETCH:**



**RESULTS:**

Mortar	Specimen Number	Load (N)	Moment (N.mm)	Bond Strength (Mpa)	Ave. (Mpa)	Char. (Mpa)	Reqd. Char. (Mpa)	Remarks
7 days	1	230	314713	0.46				Joint Failure
Maxquick	2	263	356557	0.53				AAC Failure
	3	261	354021	0.52				AAC Failure
	4	217	298229	0.44				Joint Failure
	5	244	332465	0.49				AAC Failure
	6	230	314713	0.46	0.48	0.29	0.26	Passed

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CSR HEBEL

TESTED BY:



Colin Dillon

CHECKED BY:



Marino Tabucanon

**Distribution:** C Haddrill, J Shayler, Production Team Leaders, QC File.

FACTFILE/MARINO/LIZ/HEBELTEST48DOC