

AIT**Asian Institute of Technology**

Km. 42 Paholyothin Highway, Klong Luang, Pathumthani, Thailand 12120

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STRUCTURAL ENGINEERING LABORATORY**STRUCTURAL ENGINEERING FIELD OF STUDY****SCHOOL OF ENGINEERING AND TECHNOLOGY**

TYPE OF TEST : DETERMINATION OF RESISTANCE TO STRUCTURAL DAMAGE BY MULTIPLE IMPACTS FROM A LARGE SOFT BODY (BS5234: Part2: 1992 Annex E)

TEST SPECIMEN: One (1) specimen of partition wall having a size of 3,000x2,650x75 mm., made of autoclaved aerated concrete block of size 20x60x7.5 cm., was installed by the client

CLIENT: THAI LIGHT BLOCK & PANEL CO., LTD.

DATE OF TEST: November 11, 2007

TEST RESULTS:

Point No.	Number of Impact	Impact Energy (N.m)	Surface condition after tested
1	1	120	No crack was found on the specimen.
	2	120	No crack was found on the specimen.
	3	120	No crack was found on the specimen.
2	1	120	No crack was found on the specimen.
	2	120	No crack was found on the specimen.
	3	120	No crack was found on the specimen.

Note : 1) The impact energy of 120 N.m was produced from lifting the sand bag of weight 50 kg. with the drop height of 245 mm.

2) This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :




DR. SUN SAYAMIPUK
SENIOR LABORATORY SUPERVISOR
November 12, 2007

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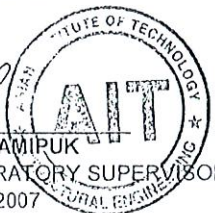
DATE OF TEST: November 11, 2007

TEST RESULTS:

Point No.	Impact Energy (N.m)	Permanent Deformation (mm.)	Surface condition after tested
1	100	0.63	No crack was found on the specimen.
2	100	0.72	No crack was found on the specimen.

- Note : 1) The impact energy of 100 N.m was produced from lifting the sand bag of weight 50 kg with the drop height of 204 mm.
2) This results certify the adequacy and representative character of the test samples only.

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TYPE OF TEST : DETERMINATION OF RESISTANCE TO STRUCTURAL DAMAGE BY MULTIPLE IMPACTS FROM A LARGE SOFT BODY (BS5234: Part2: 1992 Annex E)

TEST SPECIMEN: One (1) specimen of partition wall having a size of 3,000x2,650x100 mm., made of autoclaved aerated concrete block of size 20x60x10 cm., was installed by the client.

CLIENT: THAI LIGHT BLOCK & PANEL CO., LTD.

DATE OF TEST: October 10, 2007

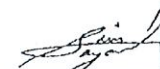
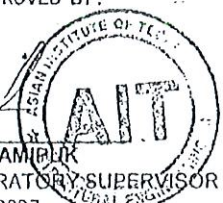
TEST RESULTS:

Point No.	Number of Impact	Impact Energy (N.m)	Surface condition after tested
1	1	120	No crack was found on the specimen.
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2	1	120	No crack was found on the specimen.
	2	120	No crack was found on the specimen.
	3	120	No crack was found on the specimen.

Note : 1) The impact energy of 120 N.m was produced from lifting the sand bag of weight 50 kg. with the drop height of 245 mm.

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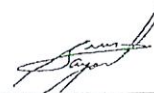
DATE OF TEST: October 10, 2007

TEST RESULTS:

Point No.	Impact Energy (N.m)	Permanent Deformation (mm.)	Surface condition after tested
1	100	0.51	No crack was found on the specimen.
2	100	0.17	No crack was found on the specimen.

- Note :** 1) The impact energy of 100 N.m was produced from lifting the sand bag of weight 50 kg. with the drop height of 204 mm.
2) This results certify the adequacy and representative character of the test samples only.

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