SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000267493

Issued to :
VISAKA INDUSTRIES LIMITED
VISAKA TOWERS
1-8-303/69/3
S.P. ROAD
SECUNDERABAD - 500003,AP
Kind Attn: MR JAWAHAR RAWTANI , -

J.O.No. 212-141-2275
Reg.No. 1339093
Date 28-01-2013
GC-01 (REV-04)
Your Ref.No. PO NO 10093
Date 24.11.2012

Sample Particulars:
One sample described as Fibre Cement flat sheet, Brand name- V board, was received.

" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party"

TEST RESULTS

S.No.	Tests	Results	Protocol adopted
1.	Density Kg /m^3	1302	As per guidelines of ISO 8336

****

DOR: 24.12.2012
DOC: 28.01.2013

AUTHORISED SIGNATORY
(EMPLOYEE CODE: 6094)

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Testing. Advising. Assuring.

Title:

The fire resistance performance of a specimen of a symmetrical, non-loadbearing wall assembly tested in accordance with BS 476: Part 22: 1987, Clause 5

WF Report No:

321029



Prepared for:

Visaka Industries Limited

Visaka Tower,
S.P. Road,
Secunderabad-500 003
India

Date:

8th February 2013

Notified Body No:

0833

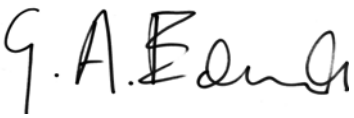
UKAS TESTING
0249

Summary

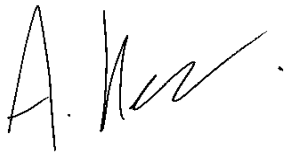
Objective	To determine the fire resistance performance of a symmetrical, non-loadbearing wall assembly when tested in accordance with BS 476: Part 22: 1987.
Sponsor	**Visaka Industries Limited** Visaka Tower, S.P. Road, Secunderabad-500 003, India
Summary of Tested Specimen	Briefly, the specimen partition assembly had overall nominal dimensions of 3000 mm high by 3000 mm wide by 97 mm thick and comprised a steel framed partition lined on each face with a composite laminate board and a layer of plasterboard. The composite board was nominally 12 mm thick and was referenced 'V' board produced by Visaka Industries. The plasterboard was 12.5 mm thick and was referenced 'Fireline' produced by British Gypsum Limited. The 'V' board was on the outer face of the partition. The partition was insulated with a layer of mineral fibre insulation nominally 50 mm thick by 64kg/m^3.
Test Results:	
Integrity	171 minutes
Insulation	148 minutes
	The test was discontinued after a period of 172 minutes.
Date of Test	20th December 2012

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Signatories



Responsible Officer
G. Edmonds*
Deputy Operations Manager



PP – A. Kearns
Approved
D. Forshaw*
Principal Certification Engineer

* For and on behalf of **Exova Warringtonfire**.

Report Issued

Date : 8th February 2013

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Title:

The fire resistance performance of a specimen of a symmetrical, non-loadbearing wall assembly tested in accordance with BS 476: Part 22: 1987, Clause 5

WF Report No:

321029



Prepared for:

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Date:

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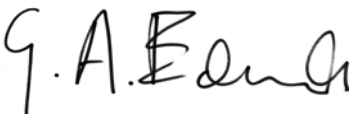
UKAS TESTING
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Summary

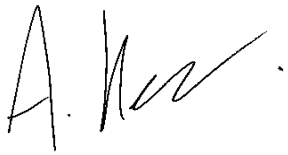
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Date of Test	20th December 2012

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Signatories



Responsible Officer
G. Edmonds*
Deputy Operations Manager



PP – A. Kearns
Approved
D. Forshaw*
Principal Certification Engineer

* For and on behalf of **Exova Warringtonfire**.

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SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

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000267494

Issued to :
VISAKA INDUSTRIES LIMITED
VISAKA TOWERS
1-8-303/69/3
S.P. ROAD
SECUNDERABAD - 500003,AP
Kind Attn: MR JAWAHAR RAWTANI , -

J.O.No.	212-141-2276
Reg.No.	1339093
Date	28-01-2013
	GC-01 (REV-04)
Your Ref.No.	PO NO 10093
Date	24.11.2012

Sample Particulars:
One sample described as Fibre Cement flat sheet, Brand name- V board, was received.

" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party"

TEST RESULTS

S.No.	Tests	Results	Protocol adopted
1.	Free Moisture Content % by mass	6	As per guidelines of IS 2380 pt-3 - 1977

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DOR: 24.12.2012
DOC: 28.01.2013

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Issued to :
VISAKA INDUSTRIES LIMITED
VISAKA TOWERS
1-8-303/69/3
S.P. ROAD
SECUNDERABAD - 500003,AP
Kind Attn: MR JAWAHAR RAWTANI , -

J.O.No. 212-141-2279
Reg.No. 1339093
Date 07-03-2013
GC-01 (REV-04)
Your Ref.No. PO NO 10093
Date 24.11.2012

Sample Particulars:
One sample described as Fibre Cement flat sheet, Brand name- V board, was received.
" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party"

.Revised report of report no—267497 Dt. 28/01/2013

TEST RESULTS

S.No.	Tests	Results	Protocol adopted
1.	Modulus of Rupture,		As per guidelines of ISO 8336/ IS: 14862
	Dry:-		
	(a) Lengthwise Direction, MPa	13.50	
	(b) Widthwise Direction, MPa	10.90	
	(c) Average value, MPa	12.2	
	Wet: -		
	(a) Lengthwise Direction, MPa	9.10	
	(b) Widthwise Direction, MPa	5.30	
	(c) Average value, MPa	7.2	

****

DOR: 24.12.2012
DOC: 01.03.2013

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TEST CERTIFICATE

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Issued to :
VISAKA INDUSTRIES LIMITED
VISAKA TOWERS
1-8-303/69/3
S.P. ROAD
SECUNDERABAD - 500003,AP
Kind Attn: MR JAWAHAR RAWTANI , -

J.O.No. 212-141-2284
Reg.No. 1339093
Date 28-01-2013
GC-01 (REV-04)
Your Ref.No. PO NO 10093
Date 24.11.2012

Sample Particulars:
One sample described as Fibre Cement flat sheet, Brand name- V board, was received.

" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party"

TEST RESULTS

S.No.	Tests	Results	Protocol adopted
1.	pH (Extract)	10.4	Using pH meter

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DOR: 24.12.2012
DOC: 28.01.2013

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VISAKA INDUSTRIES LIMITED
VISAKA TOWERS
1-8-303/69/3
S.P. ROAD
SECUNDERABAD - 500003,AP
Kind Attn: MR JAWAHAR RAWTANI

J.O.No. 212-141-2283
Reg.No. 1339093
Date 28-01-2013
GC-01 (REV-04)
Your Ref.No. PO NO 10093
Date 24.11.2012

Sample Particulars:
One sample described as Fibre Cement flat sheet, Brand name- V board, was received.

" The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party"

TEST RESULTS

S.No.	Tests	Results	Protocol adopted
1.	Screw withdrawal,		As per guidelines of IS 2380 pt-14 –1977
	(a) On face, N	1224	
	(b)On edge, N	534	

****

DOR: 24.12.2012
DOC: 28.01.2013

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